

CITY OF GARDEN GROVE

FIRE DEPARTMENT

Tel: (714) 741-5600 Fax: (714) 741-5640

4/5/2017

EBI Consulting
Esther Kacmar/Amy Zach

RE: Records Search for 7100 Belgrave Ave., Garden Grove CA

Dear Esther Kacmar/Amy Zach:

Enclosed are the records found concerning the history of the abovementioned site(s), especially as it pertains to fire code violation history, permits, the use, storage, or disposal of hazardous substances, and the installation or removal of underground flammable or combustible liquid storage tanks.

The City of Garden Grove Fire Department has utilized its best efforts to locate the records requested. However, the City makes no representation as to the accuracy of the records or that all records requested were retained or located. The City does not provide records on spills, leaks or clean-up, as that information is provided through the County of Orange Health Dept.

Sincerely,

Brad Spell

Fire Captain/Senior Fire Protection Specialist



F5-4308.doc (05/06)

Hazardous Material Disclosure

Business Information / Chemical Inventory / Business Emergency Plan

GARDEN GROVE FIRE DEPARTMENT 11301 Acacia parkway Garden Grove, CA 92840 Bus. (714) 741-5600 Fax (714) 741-5640 Hazardous Materials Coordinator (714) 741-5636



			(11)	Date:	1/27/10
Ac	ddress: "11	06 BELLEAUE		File No:	
Oc	ccupant or DBA:	PCIA IATEROSTRUCTURGE			
Ov	vner/Manager:	HUAN DU		Phone:	7)841-1750
卤	required to return the	Safety Code, Section 6.95, you ar BEP packet, Hazardous Materials partment. HazMat Coord. (714) 74	Disclosure Forms, and all ma	e the Business Emergency aterial safety data sheets t	Plan (BMP) packet. You are within fifteen (15) days to the
An	inspection at the ab	ove location/occupancy reve	aled the following violation	on(s):	
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Viole	ition(s): California Fire	Code 2001, Articles 79 & 80,	itle 19 Part 9, California Co	de of Regulations (CCR)	
	Provide spill control for he Provide approved cabine	ontainment for hazardous materials nazardous materials liquids (CFC 80 et if more than 10 gallons of flamma signs (NFPA 704, CFC Article 79 §7 Vor Notes:	003.1.3.2) able liquids (CFC 7902.5)	.3.3)	
Resp	onsible Party:	HEARLY MAS D	Re-inspec	etion Date: 2/1	0/10-2/17/10
Thea	bove are violations of	California law and require imme	ediate correction. Failure to	correct violations is sub	ect to civil penalties
Fire [Dept. Inspector:	B. HOLLHAD	ID #:	0020	
Cond	ition Upon Re-inspe	ction:		Date:	

GARDEN GROVE



FIRE DEPARTMENT

HAZARDOUS MATERIALS DISCLOSURE PROGRAM

REPORTING FORMS PACKET

LONG VERSION

FOR OFFICIAL USE ONLY										
FACILITY ID NO.										
BUSINESS NAME PCA AFROSTRUCTURES COMPANY										
BUSINESS ADDRESS 1100 BELGRAVE AVE										
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NEW BUSINESS <u>I YES I NO</u> UPDATE										
PICK 4D BUSLIST CALARP: CUPA: GIS										
FEE										



CITY OF GARDEN GROVE FIRE DEPARTMENT

11301 Acacia Parkway, Garden Grove, CA 92842 (714) 741-5600 (714) 741-5636

Hazardous Materials Business Information Form

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BUSIN	ESS OWNER		
OWNER NAME D		16	OWNER PHONE
Brian Murray			(SALLALAR AND)
OWNER MAILING ADDRESS			
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CONTACT NAME		22 0	CONTACT PHONE
Patricle Vincent			714.841.1750
CONTACT MAILING ADDRESS			
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Huntington Bach	25	STATE 26 Z	92647
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HR Manager	Manufactor	ring Mac	nager
BUSINESS PHONE 714.841. [750 xx 30]	BUSINESS PHONE	\supset	3
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Brian Murray		- Katr	rick Vincent
TITLE OF SIGNER CED	NAME OF DOCUMENT PREPAR	ER HP M.	50
Business Info Form 1 – 03/06/03		110, 1a	rages



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ASHLAND. SAFETY DATA SHEET

Page: 1

Revision Date: 02/:7/2007

Print Date: 1/ 2/2008

MSDS Number: Rt 402955

Vers on: 1.2

SOLVENT 67 EC WC 57851

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Ashland

P.O. Box 2219

Columbus, OH 43216

Regulatory Information Number

Telephone

Emergency telephone number

1-800-325-3751

614-790-3333 I-800-ASHLAN) (1-800-274-526; |

Product name

SOLVENT 67 EC WC

Product code

57851

Product Use Description

No data

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid, hydrocarbon-like, white

WARNING! Flammable Liquid, Moderate skin irritant, Severe eye irritant.

Potential Health Effects

Routes of exposure

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

Can cause eye irritation. Symptoms include stinging, toaring, redness, and swelling of eyes.

Skin contact

May cause mild skin irritation. Prolonged or repeated contact may dry the skin Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely the this would result in harmful effects during safe handling and use.

Ingestion

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can; et into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Inhalation



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Versi in: 1.2

SOLVENT 67 EC WC 57851

Reproductive hazard.

Toluene may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of toluene dr ing pregnancy can cause birth defects in humans.

Other information

No data

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components TOLUENE	CAS-No.	Concentration
SOLVENT NAPHTHA (PETROLEUM),	108-88-3	>=10<15%
LIGHT ALIPHATIC	647 4 2-89-8	>=1.5<5%

4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and i to fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, move individual away from exposure and into fresh air. f symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

Notes to physician

Hazards: Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmia. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this



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SOLVENT 67 EC WC 57851

Hands and other exposed areas should be washed thoroughly with soap and water at a contact, especially before eating and/or smoking. Regular laundering of contaminate I clothing is essential to reduce indirect skin contact with this material. Static ignition hazard can result from handling and use. Electrically bond and ground all containers personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bothing and grounding during product transfer as described in National Fire Protection.

Storage

Do not store near extreme heat, open flame, or sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

TOLUENE	108-88-3					
ACGIH NIC ACGIH NIOSH	time weighted average time weighted average Recommended exposure limit	20 ppm 50 ppm 100 ppm	Billions a company of the state	Promone		
NIOSH	(REL): Recommended exposure limit (REL):	375 mg/m3				
NIOSH NIOSH OSHA Z2 OSHA ZZ OSHA Z2	Short term exposure limit Short term exposure limit time weighted average Celling Limit Value: Maximum concentration:	150 ppm 560 mg/m3 200 ppm 300 ppm 500 ppm				

General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and shou it consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

Eye protection

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

SAFETY DATA SHEET

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SOLVENT 67 EC WC 57851

Avoid contact with:, acids, strong oxidizing agents

Hazardous decomposition products

May form:, carbon dioxide and carbon monoxide, various hydrocarbons

Hazardous reactions

Product will not undergo bazardous polymerization.

Thermal decomposition

No data

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

TOLUENE '

LD 50 Rat: 3,000 mg/kg

SOLVENT NAPHTHA (PETROLEUM), LD 50 Rat: 8,000 mg/kg LIGHT ALIPHATIC

Acute inhalation toxicity

TOLUENE

LC 50 Rat: 8000 ppm, 4 h

SOLVENT NAPHTHA (PETROLEUM), LC 50 Rat: 3400 ppm, 4 h LIGHT ALIPHATIC

Acute dermal toxicity

TOLUENE

LD 50 Rabbit: 12,124 mg/kg

SOLVENT NAPHTHA (PETROLEUM), LD 50 Rat: 4,000 mg/kg

LIGHT ALIPHATIC

12. ECOLOGICAL INFORMATION

Aquatic toxicity

Acute and Prolonged Toxicity to Fish No data

Acute Toxicity to Aquatic Invertebrates

ASHLAND. SAFETY DATA SHEET

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Vers on: 1.2

SOLVENT 67 EC WC 57851

UN1268, PETROLEUM DISTILLATES, N.O.S. (ALIPHATIC PETROLEUI I DISTILLATES,) 3, II

IMDG_RAIL:

UN1268, PETROLEUM DISTILLATES, N.O.S. (ALIPHATIC PETROLEUI DISTILLATES,) 3, II

Dangerous goods descriptions may not reflect package size, quantity, end-use or regunspecific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

15. REGULATORY INFORMATION

California Prop. 65

WARNING! This product contains a chemical known in the State of California to can se cancer.

BENZENE

WARNING! This product contains a chemical known in the State of California to care birth defects or other reproductive harm.

TOLUENE

BENZENE

SARA Hazard Classification

Fire Hazard

Acute Health Hazard

SARA 313 Component(s)

TOLUENE

108-88-3

12.5187%

OSHA Hazards

Flammable Liquid Moderate skin irritant Severe eye irritant

HMIS NFPA	Health 2 2	Flammab/Ilty 3 3	Reactivity 0 0	Other
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16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in adva ce of need that the information is current, applicable, and suitable to their circumstances.



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Product Name: Clean IC-7010

Format:

Language: English US

Issue Date: 11/28/2008

Version:

Page: Page 1 of 6



Tomlin Scientific, Inc

Material Safety Data Sheet

SECTION 1

MATERIAL AND COMPANY IDENTIFICATION

Material Identification

Product Name:

Clean IC-7010

Product Description: Product Code:

Zero VOC Biodegradable Industrial Cleaner/Degreaser

TSI701000-000, TSI701000-001, TSI701000-005, TSI701000-055,

TSI701000-275, TSI701000-330

Intended Use: Industrial Strength Cleaner/Degreaser

Company Identification

Manufacturer

Tomlin Scientific, Inc.

6780 8th Street

Buena Park, CA 90620 USA Phone 714.973.7971

Fax 714.973.7972

Distributor

QA Lubricants Inc.

12223 Highland Avenue, Unit 106-372 Rancho Cucamonga, CA 91739-2573 USA

Phone 909.689.4094 Fax 877.877.7685

24 Hour Health Emergency: Transportation Emergency Phone: Product Technical Information: **MSDS Internet Address:**

Chem-Trec 800.424.9300 Chem-Trec 800.424.9300

877-877-6221

http://www.qalube.com

SECTION 2

INFORMATION/COMPOSITION ON INGREDIENTS

Ingredient	CAS Number	ACGIH (TWA mg/m³)	OSHA
N/A			OOIIA
	<u> </u>	<u> </u>	

No Reportable Hazardous Substance(s) or Complex Substance(s).

Product Name: Clean IC-7010

Language: Format:

English

US

Issue Date: 11/28/2008

Version:

Page: Page 3 of 6



Tomlin Scientific, Inc.

SECTION 5

FIRE FIGHTING MEASURES

1

Suitable Extinguishing Media: Unsuitable Extinguishing Media:

Fire Fighting Instructions:

Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Straight streams of water

Evacuate area. Prevent runoff from fire control or dilution from entering streams. sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards:

Hazardous Combustion Products:

Pressurized mists may form a flammable mixture.

May include a complex mixture of airborne solid and liquid particulates and

gases(smoke). Incomplete combustion products, Oxides of carbon.

Flash Point: None

Auto Ignition Temperature: N/D

NFPA Hazard ID

Health = 1

Flammability = 0

Reactivity = 0

SECTION 6

ACCIDENTAL RELEASE MEASURES

Protective Measures:

Contaminated surfaces will be extremely slippery. Recommend wearing personal protective gear to limit exposure. Contain spill immediately. Do not allow material to enter the environment. Prevent material from entering rivers, streams, storm drains and any area that

will allow the material to spread.

Clean Up Measures:

After the material has been contained, begin to remove the material from the inappropriate areas. A pump or vacuum can be used for large spills and inert material such as appropriate absorbent (sand) can be used for smaller spills. Place excess material and absorbent materials in appropriate containers. Follow the appropriate disposal guidelines for all

materials that were cleaned and removed as a result of the spill.

Notification Measures:

Report any spill that has entered the environment directly or thru storm drains and water ways such as streams or rivers. Should the spill occur on a roadway, contact the appropriate government or city agency. The National Response Center can be reached at

1.800.424.8802.

SECTION 7

HANDLING AND STORAGE

General Precautions:

When this material is used as intended it is very safe to handle and doesn't require any special handling instructions. We still recommend personal protection just as a good safety

Handling:

Prevent small spills and leakage to avoid slip hazard. Even though the material is inert, we still recommend using gloves and safety goggles when handling to limit exposure. Handle in accordance with good industrial hygiene and safety practice. Always replace the lid or cap

after use.

Storage:

Keep containers dry and tightly closed to avoid moisture absorption and contamination. Ambient temperatures are recommended. Do not store in open or unlabelled containers.

Product Name: Clean IC-7010

Language:

English

Format:

US

Issue Date: 11/28/2008

Version:

Page: Page 5 of 6



Tomlin Scientific, Inc.

SECTION 11

TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available

SECTION 12

ECOLOGICAL INFORMATION

Mobility:

No data available

Ecotoxicity Effects:

No data available

Bioaccumulation Potential:

No data available

Aquatic Toxicity:

No data available

SECTION 13

DISPOSAL CONSIDERATIONS

Waste From Residues & **Unused Products: Used Empty Containers:** Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14

TRANSPORT INFORMATION

DOT:

Not Regulated for Land Transport

TDG(Canada): IMO/IMDG:

Not Regulated for Land Transport Not Regulated for Sea Transport

AIR (IATA):

Not Regulated for Air Transport



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Language: English

Format: US

Product Name: Premium AW Hydraulic 46

Issue Date: 11/28/2008 Version:

1

Page: Page 1 of 6



Tomlin Scientific, Inc

Material Safety Data Sheet

SECTION 1

MATERIAL AND COMPANY IDENTIFICATION

Material Identification

Product Name:

Product Description:

Product Code:

Premium AW Hydraulic 46

Anti-Wear Hydraulic Oil

TSI011046-000, TSI011046-001, TSI011046-005, TSI011046-055,

TSI011046-275, TSI011046-330

Intended Use:

High Pressure Hydraulic & General Machine Oil

Company Identification

Manufacturer

Tomlin Scientific, Inc.

6780 8th Street

Buena Park, CA 90620 USA Phone 714.973.7971

Fax 714.973.7972

Distributor

QA Lubricants Inc.

12223 Highland Avenue, Unit 106-372 Rancho Cucamonga, CA 91739-2573 USA

Phone 909.689.4094 Fax 877.877.7685

24 Hour Health Emergency: Transportation Emergency Phone: **Product Technical Information: MSDS Internet Address:**

Chem-Trec 800.424.9300 Chem-Trec 800.424.9300 877-877-6221

http://www.galube.com

SECTION 2

INFORMATION/COMPOSITION ON INGREDIENTS

Ingredient	CAS Number	ACGIH (TWA mg/m³)	OSHA
Petroleum Oil		Oil Mist 5 mg/m ³	0.11/

No Reportable Hazardous Substance(s) or Complex Substance(s).

Language:

English

Format: US

Issue Date: 11/28/2008

Version: 1

Page: Page 3 of 6



Tomlin Scientific, Inc

SECTION 5

FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Unsuitable Extinguishing Media:

Fire Fighting Instructions:

Use water fog, foam, dry chemical or carbon dioxide (CO²) to extinguish flames.

Straight streams of water

Evacuate area. Prevent runoff from fire control or dilution from entering streams. sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards:

Hazardous Combustion Products:

Pressurized mists may form a flammable mixture.

May include a complex mixture of airborne solid and liquid particulates and gases(smoke). Incomplete combustion products, Oxides of carbon, carbon

monoxide, aldehydes, zinc and sulfur oxides.

Flash Point: >350°F

Auto Ignition Temperature: N/D

NFPA Hazard ID

Health = 1

Flammability = 1

Reactivity = 0

SECTION 6

ACCIDENTAL RELEASE MEASURES

Protective Measures:

Contaminated surfaces will be extremely slippery. Recommend wearing personal protective gear to limit exposure. Contain spill immediately. Do not allow material to enter the environment. Prevent material from entering rivers, streams, storm drains and any area that will allow the material to spread.

Clean Up Measures:

After the material has been contained, begin to remove the material from the inappropriate areas. A pump or vacuum can be used for large spills and inert material such as appropriate absorbent (sand) can be used for smaller spills. Place excess material and absorbent materials in appropriate containers. Follow the appropriate disposal guidelines for all materials that were cleaned and removed as a result of the spill.

Notification Measures:

Report any spill that has entered the environment directly or thru storm drains and water ways such as streams or rivers. Should the spill occur on a roadway, contact the appropriate government or city agency. The National Response Center can be reached at 1.800.424.8802.

SECTION 7

HANDLING AND STORAGE

General Precautions:

When this material is used as intended it is very safe to handle and doesn't require any special handling instructions. We still recommend personal protection just as a good safety

practice.

after use.

Handling:

Prevent small spills and leakage to avoid slip hazard. Even though the material is inert, we still recommend using gloves and safety goggles when handling to limit exposure. Handle in accordance with good industrial hygiene and safety practice. Always replace the lid or cap

Storage:

Keep containers dry and tightly closed to avoid moisture absorption and contamination. Ambient temperatures are recommended. Do not store in open or unlabelled containers.

Language:

Product Name: Premium AW Hydraulic 46

English

Format:

US

Issue Date: 11/28/2008

Version: Page:

Page 5 of 6



Tomlin Scientific, Inc

SECTION 11

TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available

SECTION 12

ECOLOGICAL INFORMATION

Mobility:

No data available

Ecotoxicity Effects:

No data available No data available

Bioaccumulation Potential:

Aquatic Toxicity:

No data available

SECTION 13

DISPOSAL CONSIDERATIONS

Waste From Residues & **Unused Products: Used Empty Containers:** Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION.

THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14

TRANSPORT INFORMATION

DOT:

TDG(Canada):

Not Regulated for Land Transport

IMO/IMDG:

Not Regulated for Land Transport Not Regulated for Sea Transport

AIR (IATA):

Not Regulated for Air Transport



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MATERIAL SAFETY DATA SHEET

Print date:

29-Apr-2009

Revision Number: 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name:

SH® 46

Synonyms:

No information available

Chemical characterisation:

No data is available on the product itself.

Supplier:

Summit Industrial Products 9010 County Road 2120 Tyler, Texas 75707 Phone: (903) 534-8021

Fax: (903) 581-4376

Emergency telephone number

CHEMTREC: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components 1-Decene, Homopolymer, hydrogenated Dodecene, Homopolymer hydrogenated	CAS-No 68037-01-4 151006-63-2	ACGIH (TWA mg/m³): None None	OSHA (TWA mg/m³): None None
1-Dodecene trimer, hydrogenated	151006-62-1	None	None
			140116

3. HAZARDS IDENTIFICATION

Properties affecting health:

None.

Principle routes of exposure:

None.

Skin contact:

Substance does not generally irritate and is only mildly irritating to the skin.

Eye contact:

Avoid contact with eyes. May cause slight irritation.

Inhalation:

May cause irritation of respiratory tract.

Ingestion:

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

4. FIRST AID MEASURES

General advice:

Consult a physician

Skin contact:

Remove and wash contaminated clothing before re-use. Wash off immediately with

soap and plenty of water.

Inhalation:

If breathing is difficult, give oxygen. Consult a physician. Move to fresh air.

Product name: SH® - 46



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:

Color:

Liquid

Clear

Specific gravity:

Evaporation rate:

< 1.0

Not determined

Vapor pressure:

<0.10 mm Hg @ 20°C

Appearance:

Odor:

Boiling point/range

Vapor density:

Solubility:

Not determined Insoluble

>600 (°F)

Liquid

Mild

10. STABILITY AND REACTIVITY

Stability:

Polymerization:

Hazardous decomposition products:

Materials to avoid: Conditions to avoid: Stable

Hazardous polymerisation does not occur.

Smoke, Carbon oxides Strong oxidising agents. Stable at normal conditions

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No data available

12. ECOLOGICAL INFORMATION

Mobility:

No information available.

Bioaccumulative potential:

No information available.

Ecotoxicity effects:

No data available.

Aquatic toxicity:

No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused

products:

In accordance with local and national regulations.

Contaminated packaging:

Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

Proper shipping name:

Not Regulated

TDG (Canada)

Proper shipping name:

Not Regulated

IMO / IMDG

Proper shipping name:

Not Regulated

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lf more hazardous compon	ents are present at great	er than 1% by weight i	f non-carcinogenic	, or 0.1% by weight if	carcinogenic, atta	ech additiona	I sheets of paper	capturing	the required inform	nation.	
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Language:

Format:

English

Issue Date: 11/28/2008

Version: 1

Page: Page 1 of 6



Tomlin Scientific, Inc.

Material Safety Data Sheet

SECTION 1

MATERIAL AND COMPANY IDENTIFICATION

Material Identification

Product Name:

Premium Way Oil 2

Product Description:

Way Lubricant

Product Code:

TSI051068-000, TSI051068-001, TSI051068-005, TSI051068-055,

TSI051068-275, TSI051068-330 Way Lubricant or Lubricating Oil

Intended Use:

Company Identification

Manufacturer

Tomlin Scientific, Inc.

6780 8th Street

Buena Park, CA 90620 USA

Phone 714.973.7971 Fax 714.973.7972

Distributor

QA Lubricants Inc.

12223 Highland Avenue, Unit 106-372 Rancho Cucamonga, CA 91739-2573 USA

Phone 909.689.4094 Fax 877.877.7685

24 Hour Health Emergency: Transportation Emergency Phone:

Product Technical Information:

MSDS Internet Address:

Chem-Trec 800.424,9300 Chem-Trec 800.424,9300

877-877-6221

http://www.qalube.com

SECTION 2

INFORMATION/COMPOSITION ON INGREDIENTS

Ingredient **CAS Number** ACGIH (TWA mg/m3) **OSHA** Petroleum Oil Oil Mist 5 mg/m³

No Reportable Hazardous Substance(s) or Complex Substance(s).

Language:

English

Format: US

Issue Date: 11/28/2008

Version: 1

Page: Page 3 of 6



Tomlin Scientific, Inc

SECTION 5

FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Unsuitable Extinguishing Media: Fire Fighting Instructions:

Use water fog, foam, dry chemical or carbon dioxide (CO²) to extinguish flames.

Straight streams of water

Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards:

Hazardous Combustion Products:

Pressurized mists may form a flammable mixture.

May include a complex mixture of airborne solid and liquid particulates and gases(smoke). Incomplete combustion products, Oxides of carbon, carbon

monoxide, aldehydes and sulfur oxides.

Flash Point: >220°C

Auto Ignition Temperature: N/D

NFPA Hazard ID

Health = 1

Flammability = 1

Reactivity = 0

SECTION 6

ACCIDENTAL RELEASE MEASURES

Protective Measures:

Contaminated surfaces will be extremely slippery. Recommend wearing personal protective gear to limit exposure. Contain spill immediately. Do not allow material to enter the environment. Prevent material from entering rivers, streams, storm drains and any area that will allow the material to spread.

Clean Up Measures:

After the material has been contained, begin to remove the material from the inappropriate areas. A pump or vacuum can be used for large spills and inert material such as appropriate absorbent (sand) can be used for smaller spills. Place excess material and absorbent materials in appropriate containers. Follow the appropriate disposal guidelines for all materials that were cleaned and removed as a result of the spill.

Notification Measures:

Report any spill that has entered the environment directly or thru storm drains and water ways such as streams or rivers. Should the spill occur on a roadway, contact the appropriate government or city agency. The National Response Center can be reached at 1.800.424.8802.

SECTION 7

HANDLING AND STORAGE

General Precautions:

When this material is used as intended it is very safe to handle and doesn't require any special handling instructions. We still recommend personal protection just as a good safety

practice.

Handling:

Prevent small spills and leakage to avoid slip hazard. Even though the material is inert, we still recommend using gloves and safety goggles when handling to limit exposure. Handle in accordance with good industrial hygiene and safety practice. Always replace the lid or cap

after use.

Storage:

Keep containers dry and tightly closed to avoid moisture absorption and contamination. Ambient temperatures are recommended. Do not store in open or unlabelled containers.

Language:

English

Format: US

Issue Date: 11/28/2008

Page: Page 5 of 6

Version: 1



Tomlin Scientific, Inc

SECTION 11

TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available

SECTION 12

ECOLOGICAL INFORMATION

Mobility:

No data available

Ecotoxicity Effects:

No data available

Bioaccumulation Potential: No data available

Aquatic Toxicity:

No data available

SECTION 13

DISPOSAL CONSIDERATIONS

Waste From Residues & **Unused Products: Used Empty Containers:**

Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION.

THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14

TRANSPORT INFORMATION

DOT:

Not Regulated for Land Transport

TDG(Canada): IMO/IMDG:

Not Regulated for Land Transport Not Regulated for Sea Transport

AIR (IATA):

Not Regulated for Air Transport



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CAS#	·	10 FIRE CODE F	HAZARD CLASSES	(supplied by	GGFD)				•				13
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Language:

Format:

English

Issue Date: 11/28/2008 Version:

1

Page: Page 1 of 6



Tomlin Scientific, Inc.

Material Safety Data Sheet

SECTION 1

MATERIAL AND COMPANY IDENTIFICATION

Material Identification

Product Name:

Premium Way Oil 4

Product Description:

Way Lubricant

Product Code:

TSI051220-000, TSI051220-001, TSI051220-005, TSI051220-055,

TSI051220-275, TSI051220-330

Intended Use:

Way Lubricant or Lubricating Oil

Company Identification

Manufacturer

Tomlin Scientific, Inc.

6780 8th Street

Buena Park, CA 90620 USA

Phone 714.973.7971 Fax 714.973.7972

Distributor

QA Lubricants Inc.

12223 Highland Avenue, Unit 106-372 Rancho Cucamonga, CA 91739-2573 USA

Phone 909.689.4094 Fax 877.877.7685

24 Hour Health Emergency:

Transportation Emergency Phone: Product Technical Information:

MSDS Internet Address:

Chem-Trec 800,424,9300 Chem-Trec 800.424.9300

877-877-6221

http://www.qalube.com

SECTION 2 INFORMATION/COMPOSITION ON INGREDIENTS

Ingredient	CAS Number	ACGIH (TWA mg/m³)	OSHA
Petroleum Oil		Oil Mist 5 mg/m ³	00111

No Reportable Hazardous Substance(s) or Complex Substance(s).

Language:

Format: US

English

Issue Date: 11/28/2008

Version: 1

Page: Page 3 of 6



Tomlin Scientific, Inc

SECTION 5

FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Unsuitable Extinguishing Media:

Fire Fighting Instructions:

Use water fog, foam, dry chemical or carbon dioxide (CO²) to extinguish flames.

Straight streams of water

Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards:

Hazardous Combustion Products:

Pressurized mists may form a flammable mixture.

May include a complex mixture of airborne solid and liquid particulates and gases(smoke). Incomplete combustion products, Oxides of carbon, carbon

monoxide, aldehydes and sulfur oxides.

Flash Point: >235°C

Auto Ignition Temperature: N/D

NFPA Hazard ID

Health = 1

Flammability = 1

Reactivity = 0

SECTION 6

ACCIDENTAL RELEASE MEASURES

Protective Measures:

Contaminated surfaces will be extremely slippery. Recommend wearing personal protective gear to limit exposure. Contain spill immediately. Do not allow material to enter the environment. Prevent material from entering rivers, streams, storm drains and any area that

will allow the material to spread.

Clean Up Measures:

After the material has been contained, begin to remove the material from the inappropriate areas. A pump or vacuum can be used for large spills and inert material such as appropriate absorbent (sand) can be used for smaller spills. Place excess material and absorbent materials in appropriate containers. Follow the appropriate disposal guidelines for all

materials that were cleaned and removed as a result of the spill.

Notification Measures:

Report any spill that has entered the environment directly or thru storm drains and water ways such as streams or rivers. Should the spill occur on a roadway, contact the appropriate government or city agency. The National Response Center can be reached at

1.800.424.8802.

SECTION 7

HANDLING AND STORAGE

General Precautions:

When this material is used as intended it is very safe to handle and doesn't require any special handling instructions. We still recommend personal protection just as a good safety

practice.

Handling:

Prevent small spills and leakage to avoid slip hazard. Even though the material is inert, we still recommend using gloves and safety goggles when handling to limit exposure. Handle in

accordance with good industrial hygiene and safety practice. Always replace the lid or cap after use.

Storage:

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

Ambient temperatures are recommended. Do not store in open or unlabelled containers.

Language:

English

Format: US

Issue Date: 11/28/2008 1

Version:

Page: Page 5 of 6



Tomlin Scientific, Inc.

SECTION 11

TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available

SECTION 12

ECOLOGICAL INFORMATION

Mobility:

No data available

Ecotoxicity Effects:

No data available No data available

Bioaccumulation Potential: **Aquatic Toxicity:**

No data available

SECTION 13

DISPOSAL CONSIDERATIONS

Waste From Residues & **Unused Products: Used Empty Containers:** Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION.

THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14

TRANSPORT INFORMATION

DOT:

TDG(Canada):

Not Regulated for Land Transport

IMO/IMDG:

Not Regulated for Land Transport Not Regulated for Sea Transport

AIR (IATA):

Not Regulated for Air Transport



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PHYSICAL STATE Creek one Hemionly)	a. SOLID D. LIQUID	CATEGORIA	ZARD a. FIRE	b. REACTIVE	c. PRESSURE RELEASE	18
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AVERAGE DAILY AMOUNT 55		10	ual waste amount 5		VASTE CODE	22
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STORAGE PRESSURE	d STEEL DRUM L	h. CARBOY		O. IN MACH OR EQUIP	L OTHER	27
STORAGE TEMPERATURE	a. AMBIENT	☐ b. ABOVE AMBIENT			d. CRYOGENIC	28
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If more hazardous components are	present at greater than 1% by weight i	f non-carcinogenic, or 0.1% by weight	research and the second second	onal sheets of paper capturi	ng the required information.	
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Language: English

Format: US

Issue Date:

11/28/2008 Version: 1

Page:

Page 1 of 6



Tomlin Scientific, Inc

Material Safety Data Sheet

SECTION 1

MATERIAL AND COMPANY IDENTIFICATION

Material Identification

Product Name:

Premium AW Hydraulic 32

Product Description:

Anti-Wear Hydraulic Oil

Product Code:

TSI011032-000, TSI011032-001, TSI011032-005, TSI011032-055,

TSI011032-275, TSI011032-330

Intended Use:

High Pressure Hydraulic & General Machine Oil

Company Identification

Manufacturer

Tomlin Scientific, Inc.

6780 8th Street

Buena Park, CA 90620 USA Phone 714.973.7971

Fax 714.973.7972

Distributor

QA Lubricants Inc.

12223 Highland Avenue, Unit 106-372 Rancho Cucamonga, CA 91739-2573 USA

Phone 909.689.4094 Fax 877.877.7685

24 Hour Health Emergency: Transportation Emergency Phone: **Product Technical Information:**

MSDS Internet Address:

Chem-Trec 800.424.9300 Chem-Trec 800.424.9300

877-877-6221

http://www.qalube.com

SECTION 2

INFORMATION/COMPOSITION ON INGREDIENTS

Ingredient	CAS Number	ACGIH (TWA mg/m³)	OSHA
Petroleum Oil		Oil Mist 5 mg/m ³	

No Reportable Hazardous Substance(s) or Complex Substance(s).

Language: English

Format: US

Issue Date: 11/28/2008 Version: 1

Page: Page 3 of 6



Tomlin Scientific, Inc

SECTION 5

FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Unsuitable Extinguishing Media: Fire Fighting Instructions:

Use water fog, foam, dry chemical or carbon dioxide (CO²) to extinguish flames.

Straight streams of water

Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards:

Hazardous Combustion Products:

Pressurized mists may form a flammable mixture.

May include a complex mixture of airborne solid and liquid particulates and gases(smoke). Incomplete combustion products, Oxides of carbon, carbon

monoxide, aldehydes, zinc and sulfur oxides.

Flash Point: >350°F

Auto Ignition Temperature: N/D

NFPA Hazard ID

Health = 1

Flammability = 1

Reactivity = 0

SECTION 6

ACCIDENTAL RELEASE MEASURES

Protective Measures:

Contaminated surfaces will be extremely slippery. Recommend wearing personal protective gear to limit exposure. Contain spill immediately. Do not allow material to enter the environment. Prevent material from entering rivers, streams, storm drains and any area that

will allow the material to spread.

Clean Up Measures:

After the material has been contained, begin to remove the material from the inappropriate areas. A pump or vacuum can be used for large spills and inert material such as appropriate absorbent (sand) can be used for smaller spills. Place excess material and absorbent materials in appropriate containers. Follow the appropriate disposal guidelines for all materials that were cleaned and removed as a result of the spill.

Notification Measures:

Report any spill that has entered the environment directly or thru storm drains and water ways such as streams or rivers. Should the spill occur on a roadway, contact the appropriate government or city agency. The National Response Center can be reached at 1.800.424.8802.

SECTION 7

HANDLING AND STORAGE

General Precautions:

When this material is used as intended it is very safe to handle and doesn't require any special handling instructions. We still recommend personal protection just as a good safety

practice.

Handling:

Prevent small spills and leakage to avoid slip hazard. Even though the material is inert, we still recommend using gloves and safety goggles when handling to limit exposure. Handle in accordance with good industrial hygiene and safety practice. Always replace the lid or cap

after use.

Storage:

Keep containers dry and tightly closed to avoid moisture absorption and contamination. Ambient temperatures are recommended. Do not store in open or unlabelled containers.

Language: English

Format: US

Issue Date: 11/28/2008

Version: 1

Page: Page 5 of 6



Tomlin Scientific, Inc

SECTION 11

TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available

SECTION 12

ECOLOGICAL INFORMATION

Mobility:

No data available

Ecotoxicity Effects:

No data available

Bioaccumulation Potential:

No data available

Aquatic Toxicity:

No data available

SECTION 13

DISPOSAL CONSIDERATIONS

Waste From Residues & **Unused Products: Used Empty Containers:** Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14

TRANSPORT INFORMATION

DOT:

Not Regulated for Land Transport

TDG(Canada):

Not Regulated for Land Transport Not Regulated for Sea Transport

IMO/IMDG: AIR (IATA):

Not Regulated for Air Transport



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CONFIDENTIAL LOCATION EPCRA	Yes No 5 MAP#	(GRID#	7 7
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3 29	,	30	□ No 31	32
4 29		30 Yes	□ No 31	32
5 29 .		30 ☐ Yes	□ No 31	32
Il more hazardous components are present at greate		eight if carcinogenic, attach additional she	ı	equired information.
	PLACARDING IN	FORMATION		
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DOT HAZARD CLASSRefer t	o shipping papers or MSDS	HEALTH (BLUE) SPEC	WH WH	REACTIVE (YELLOW)
EPCRA YES NO	35	HAZA	RD OX	
X FEDCOA I	Please Sign Here 36		Y COPIES OF C	4
II EFUKA, F	rease sign riere	114 A CIA I O K	Y FORM AS NEE	

Language: Format:

English

Product Name: Premium Spindle 22

Version: 1

Page: Page 1 of 6



Tomlin Scientific, Inc

Material Safety Data Sheet

Issue Date: 11/28/2008

SECTION 1

MATERIAL AND COMPANY IDENTIFICATION

Material Identification

Product Name:

Product Description:

Product Code:

Intended Use:

Premium Spindle 22

Premium Inhibited Spindle Oil

TSI031022-000, TSI031022-001, TSI031022-005, TSI031022-055,

TSI031022-275, TSI031022-330

Spindle Oil/Fluid, Circulating, Light Lubrication Oil & Heat Transfer Oil

Company Identification

Manufacturer

Tomlin Scientific, Inc.

6780 8th Street Buena Park, CA 90620 USA Phone 714.973.7971 Fax 714.973.7972

Distributor QA Lubricants Inc.

12223 Highland Avenue, Unit 106-372 Rancho Cucamonga, CA 91739-2573 USA

Phone 909.689.4094 Fax 877.877.7685

24 Hour Health Emergency: Transportation Emergency Phone: **Product Technical Information:**

Chem-Trec 800.424.9300 Chem-Trec 800,424,9300

877-877-6221

http://www.qalube.com

MSDS Internet Address:

SECTION 2 INFORMATION/COMPOSITION ON INGREDIENTS

Ingredient	CAS Number	ACGIH (TWA mg/m³)	OSHA
Petroleum Oil		Oil Mist 5 mg/m ³	OSTIA

No Reportable Hazardous Substance(s) or Complex Substance(s).

Product Name: Premium Spindle 22

Language: English

Format: US

Issue Date: 11/28/2008 Version: 1

Page: Page 3 of 6



Tomlin Scientific, Inc.

SECTION 5

FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Unsuitable Extinguishing Media:

Fire Fighting Instructions:

Use water fog, foam, dry chemical or carbon dioxide (CO²) to extinguish flames. Straight streams of water

Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards:

Hazardous Combustion Products:

Pressurized mists may form a flammable mixture.

May include a complex mixture of airborne solid and liquid particulates and gases(smoke). Incomplete combustion products, Oxides of carbon, carbon

monoxide, aldehydes and sulfur oxides.

Flash Point: >210°C

Auto Ignition Temperature: N/D

NFPA Hazard ID

Health = 1

Flammability = 1

Reactivity = 0

SECTION 6

ACCIDENTAL RELEASE MEASURES

Protective Measures:

Contaminated surfaces will be extremely slippery. Recommend wearing personal protective gear to limit exposure. Contain spill immediately. Do not allow material to enter the environment. Prevent material from entering rivers, streams, storm drains and any area that

will allow the material to spread.

Clean Up Measures:

After the material has been contained, begin to remove the material from the inappropriate areas. A pump or vacuum can be used for large spills and inert material such as appropriate absorbent (sand) can be used for smaller spills. Place excess material and absorbent materials in appropriate containers. Follow the appropriate disposal guidelines for all materials that were cleaned and removed as a result of the spill.

Notification Measures:

Report any spill that has entered the environment directly or thru storm drains and water ways such as streams or rivers. Should the spill occur on a roadway, contact the appropriate The National Response Center can be reached at government or city agency. 1.800.424.8802.

SECTION 7

HANDLING AND STORAGE

General Precautions:

When this material is used as intended it is very safe to handle and doesn't require any special handling instructions. We still recommend personal protection just as a good safety

practice.

after use.

Handling:

Prevent small spills and leakage to avoid slip hazard. Even though the material is inert, we still recommend using gloves and safety goggles when handling to limit exposure. Handle in accordance with good industrial hygiene and safety practice. Always replace the lid or cap

Storage:

Keep containers dry and tightly closed to avoid moisture absorption and contamination. Ambient temperatures are recommended. Do not store in open or unlabelled containers.

Product Name: Premium Spindle 22

Language: English

Format:

Issue Date: 11/28/2008

1

Version:

Page: Page 5 of 6



Tomlin Scientific, Inc.

SECTION 11

TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available

SECTION 12

ECOLOGICAL INFORMATION

Mobility:

No data available

Ecotoxicity Effects:

No data available

Bioaccumulation Potential: No data available

Aquatic Toxicity:

No data available

SECTION 13

DISPOSAL CONSIDERATIONS

Waste From Residues & **Unused Products: Used Empty Containers:** Disposal must be in accordance with current applicable laws and regulations, and material

characteristics at time of disposal.

Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION.

THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14

TRANSPORT INFORMATION

DOT:

Not Regulated for Land Transport

TDG(Canada):

Not Regulated for Land Transport Not Regulated for Sea Transport

IMO/IMDG: AIR (IATA):

Not Regulated for Air Transport



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CAS#	Premis		ZARD CLASSES (supp					If EHS is "Y	'es", all an	nounts must be	LBS	13
TYPE (Check one item only	a. PURE	☐ b. MIXTURE	C. WASTI	14 F	RADIOACTIVE	Yes	N	lo 15	CURIE	s		16
PHYSICAL STATE (Check one frem only)	a. SOLID	☐ b. LIQUID	C. GAS	FED HAZ/ CATEGOR	IES	FIRE [] b. RE	ACTIVE		PRESSURE RE		18
AVERAGE DAILY AMOUNT	55 ¹⁹	MAXIMUM DAILY AMOUNT	55	20 ANNUA	L WASTE AMO	TAU TAU	21	STATI	E WASTE	CODE		22
UNITS a. GALL	NDS 🗌 d. T		DAYS ON SITE	90		24		ST CONTA				25
THEHS, amo	unt must be in pounds		e. PLASTIC DRUM		VAT		CYLINDE			g. TANKWA	AGON	26
(Check all that apply)		·	f. NONMETALLIC DF		FIBER DRUM BAG(S)			ONTAINE	₹ [r. RAIL CAR	Į.	
	d STEEL	·	h. CARBOY		BOX(S)			OR EQUIP	=	L OTHER		
STORAGE PRESSURE	13 1345(8)	a. AMBIENT	☐ b. ABO\	E AMBIENT	. 🗆	c. BELOW	AMBIENT	- W				27
STORAGE TEMPERATU	ALEXANDER W	a. AMBIENT	☐ b. ABOV	A. Harris S. S. S. W. North		c. BELOW A			d. CR	YOGENIC		28
%WT	HAZA	RDOUS COMP	ONENT (Formix)	ure or waste	only)	<u>.</u>	Eil	S	100		\S\#\	
1 5ng/ng 3 29	Triet	handamin	حــــــ		30	☐ Yes	E E	No 3	31	102-7	1-6	32
2 A)A-29	Syntralic	lubrican	ts Organia	Canso	∽ ³⁰	☐ Yes	(D)	'No 3	31			32
3 29	•		,'n'	1.5.40	30	☐ Yes		No 3	31			32
4 29					30	☐ Yes		No 3	11			32
5 29					30	Yes		No 3	11			32
If more hazardous compone	ents are present at gre	ater than 1% by weight l	non-carcinogenic, or 0.		to a grant and a	tach additions	l sheets o	of paper cap	oturing the	required inform	nation.	
÷ - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			= REAGAINEII	TO HAIL OR	MAAIN ONE	i					+	31
UNDOT#				33		1	NFPA 70 TIRE (REI	DA HAZA	RD DIA	MOND		
	Refer to sh	nipping papers o	r MSDS				TH •▶<	70		REACTIV		
DOT HAZARD CL			11000	34		(BLUE	=) '	$\sqrt{\chi}$	V/	(VEITON	" .	
-non.		er to shipping pa	pers of MSDS			F	SPECIAL HAZARD	A		HUE SVM	17	
EPCRA YES	□ ио			35	4							
х	,,	- BI - C1 -			MA					HEMICAL	-	
	It EPCRA	, Please Sign H	lere	36		INVENT	ORY I	ORM A	AS NE	:DED		

Product Name: OR Syn 3705 Language:

Format: US

English

Issue Date: 11/28/2008

Version: Page:

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Tomlin Scientific, I

Material Safety Data Sheet

SECTION 1

MATERIAL AND COMPANY IDENTIFICATION

Material Identification

Product Name:

Product Description:

Product Code:

OR Syn 3705

Premium Synthetic Coolant

TSI370500-000, TSI370500-001, TSI370500-005, TSI370500-055,

TSI370500-275, TSI370500-330

Intended Use:

CNC Machining and Metalworking Applications

Company Identification

Manufacturer

Tomlin Scientific, Inc.

6780 8th Street

Buena Park, CA 90620 USA

Phone 714.973.7971 Fax 714.973.7972

Distributor

QA Lubricants Inc.

12223 Highland Avenue, Unit 106-372 Rancho Čucamonga, CA 91739-2573 USA

Phone 909.689.4094 Fax 877.877.7685

24 Hour Health Emergency: Transportation Emergency Phone: Product Technical Information: MSDS Internet Address:

Chem-Trec 800.424.9300 Chem-Trec 800.424.9300

877-877-6221

http://www.qalube.com

SECTION 2

INFORMATION/COMPOSITION ON INGREDIENTS

Ingredient	CAS Number	ACGIH (TWA mg/m³)	OSHA
Triethanolamine	102-71-6	5 mg/m ³	
Synthetic Lubricants, Organic Corrosion Inhibitors		None Established	

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Tomlin Scientific, lı

SECTION 5

FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Unsuitable Extinguishing Media:

Fire Fighting Instructions:

Use water or media suitable for the surrounding fire.

None

Evacuate area. Prevent runoff from fire control or dilution from entering streams sewers, or drinking water supply. Firefighters should use standard protectiv equipment and in enclosed spaces, self-contained breathing apparatus (SCBA

Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards:

Hazardous Combustion Products:

None

If water is evaporated, oxides of carbon and nitrogen may be produced.

Flash Point: None

Auto Ignition Temperature: N/D

NFPA Hazard ID

Health = 1

Flammability = 0

Reactivity = 0

SECTION 6

ACCIDENTAL RELEASE MEASURES

Protective Measures:

Contaminated surfaces could be slippery. Recommend wearing personal protective gear to limit exposure. Contain spill immediately. Do not allow material to enter the environment.

Prevent material from entering rivers, streams, storm drains and any area that will allow the

material to spread.

Clean Up Measures:

After the material has been contained, begin to remove the material from the inappropriate areas. A pump or vacuum can be used for large spills and inert material such as appropriate absorbent (sand) can be used for smaller spills. Place excess material and absorbent materials in appropriate containers. Follow the appropriate disposal guidelines for all

materials that were cleaned and removed as a result of the spill.

Notification Measures:

Report any spill that has entered the environment directly or thru storm drains and water ways such as streams or rivers. Should the spill occur on a roadway, contact the appropriate

government or city agency. The National Response Center can be reached at

1.800.424.8802.

SECTION 7

HANDLING AND STORAGE

General Precautions:

When this material is used as intended it is very safe to handle and doesn't require any special handling instructions. We still recommend personal protection just as a good safety

Handling:

Prevent small spills and leakage to avoid slip hazard. Even though the material is inert, we still recommend using gloves and safety goggles when handling to limit exposure. Handle in

accordance with good industrial hygiene and safety practice. Always replace the lid or cap after use.

Storage:

Keep containers dry and tightly closed to avoid moisture absorption and contamination. Ambient temperatures are recommended. Do not store in open or unlabelled containers.

Product Name: OR Syn 3705 Language: English

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Tomlin Scientific, lı

SECTION 11

TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available

SECTION 12

ECOLOGICAL INFORMATION

Mobility:

No data available

Ecotoxicity Effects: Bioaccumulation Potential:

No data available No data available

Aquatic Toxicity:

No data available

SECTION 13

DISPOSAL CONSIDERATIONS

Waste From Residues & **Unused Products: Used Empty Containers:** Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION.

THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

SECTION 14

TRANSPORT INFORMATION

DOT:

Not Regulated for Land Transport

TDG(Canada): IMO/IMDG:

Not Regulated for Land Transport Not Regulated for Sea Transport

AIR (IATA):

Not Regulated for Air Transport



CUPA

BUSINESS ACTIVITIES

	PageJ o	of_
CONTROL OF THE PROPERTY OF THE	ITY IDENTIFICATION 1. EPA ID # (Hazardous Waste Only)	
FACILITY 3 0 3 5	CAL 0003/3362	
BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Busi		
PCA Acrostnatures		
	VITIES DECLARATION	
NOTE: If you che	kYES to any part of this list;	
	s Owner/Operator Identification page.	
Does your facility	If Yes, please complete these pages of the UPCF	FEAT
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above gallons for liquids, 500 pounds for solids, or 200 cubic feet		₹Y
compressed gases (include liquids in ASTs and USTs); or applicable Federal threshold quantity for an extremely hazardo	the	
substance specified in 40 CFR Part 355, Appendix A or B; or han	dle .	
radiological materials in quantities for which an emergency plan required pursuant to 10 CFR Parts 30, 40 or 70?	is	
B. UNDERGROUND STORAGE TANKS (USTs)		
Own or operate underground storage tanks?	YES VNO 5. ✓ UST FACILITY (Formerly SWRCB Form A) ✓ UST TANK (one page per tank) (Formerly For	m l
2. Intent to upgrade existing or install new USTs?	YES NO 6. JUST FACILITY	
	✓ UST TANK (one per tank) ✓ UST INSTALLATION - CERTIFICATE O	_
	COMPLIANCE (one page per tank) (Former	
3. Need to report closing a UST?	Form C) YES VNO 7. VST TANK (closure portion-one page per tank	
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		-
Own or operate ASTs above these thresholds: - any tank capacity is greater than 660 gallons, or	FIVES MAD 1 (NO FORM STOWN ST	
- the total aggregate capacity for the entire facility (ASTs, drums an	☐ YES NO 8. ✓ NO FORM REQUIRED TO CUPAS	
portable containers) greater than 1,320 gallons? D. HAZARDOUS WASTE		
Generate hazardous waste?	YES NO 9. VEPA ID NUMBER - provide at the top of this p	221
 Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)? 	YES NO 10. RECYCLABLE MATERIALS REPORT	,,,
Materials (per 1100 §25145.2):	(one per recycler)	
3. Treat hazardous waste on site?	☐ YES ☐ NO 11. ✓ ONSITE HAZARDOUS WASTE	
	TREATMENT - FACILITY (Formerly DTSC Forms 1772)	
	✓ ONSITE HAZARDOUS WASTE	
•	TREATMENT - UNIT (one page per unit)	
4. Treatment subject to financial assurance requirements (for Permit by	(Formerly DTSC Forms 1772A,B,C,D and L) ☐ YES ☐ NO 12. ✓ CERTIFICATION OF FINANCIAL	
Rule and Condition Authorization)?	ASSURANCE (Formerly DTSC Form 1232)	
5. Consolidate hazardous waste generated at a remove site?	YES PNO 13. ✓ REMOTE WASTE/CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC	Ξ
·	Form 1196)	
6. Need to report the closure/removal of a tank that was classified	☐ YES ☑ NO 14. ✓ HAZARDOUS WASTE TANK CLOSURE	
waste and cleaned onsite? E. LOCAL REQUIREMENTS	CERTIFICATION (Formerly DTSC Form 1249)	_
Cal-ARP: California Accidental Release Prevention Program H&SC Chapter 6.95, Article 2, §25531 et seq	YES NO 15. ✓ REGULATED SUBSTANCE REPORTING FORM (Orange County CUPA)	
 Stationary Source with more than a Threshold Quantity of a Regulated Substance in a Process 	(consignation of the control of the	
Substance III a Process		

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM BUSINESS EMERGENCY PLAN

EMERGENCY NOTIFICATIONS:

A handler of hazardous materials is required to immediately report any release or threatened release of hazardous materials to the Garden Grove Fire Department. Failure to do so may result in criminal and/or civil prosecution.

REQUIRED NOTIFICATIONS:

In the event of a release or threatened release of hazardous materials, it is State law to notify each of the following agencies.

AGENCY	PHONE NUMBERS
Garden Grove Fire Department, Police, Paramedics	911
Office of Emergency Services (OES)	(800) 852-7550 or
, , , , , , , , , , , , , , , , , , ,	(916) 427-4341
National Response Center	(800) 424-8802
Individual responsible for	
calling these agencies:	

Provide the following information when you call:

- Name of the person and business
- Business street address
- Location of the incident
- Type of incident (spill, gas release, etc.)
- The name(s) of the chemical substance(s) involved
- The amount of the chemical substance(s) involved
- The extent of injuries, if any
- Possible hazards to human health and/or the environment
- Emergency call-back phone number (_____)

If a chemical spill or release at your facility could create a toxic cloud or a liquid stream that could drift beyond your facility, then, identify nearby facilities that could be in imminent danger.

To the North Facility	Schumberger Technology Comp	Phone (714) 379-7332 Phone (714) 895- 9661
Facility	Schuberger Technology Corp Giblia 70's Specialry Food	Phone (714) 855. 9661
To the South	Allied Wheels Components	Phone (714) 8934160
Facility		Phone ()
To the East		
Facility	Francis	Phone (14) 898-2069
Facility	Benniques ColF	Phone (74) 898-2064 Phone (74) 891.5838
To the West	3	· ·
Facility	lasiche Investants	Phone (114) 235- 2870
Facility	Cone West	Phone (114) 891 2358

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM BUSINESS EMERGENCY PLAN

OPTIONAL NOTIFICATIONS:

1. Hazardous Waste Contractor Name: Aron Rayoling Solutions.	Inc (800) 397-9904
2. Insurance Company Name:	
3. Poison Control Center – 24-Hour	1 (800) 876-4766
EVACUATION PLANS AND PROCEDURE	
<u>Evacuation Álarms</u> – describe the type of an evacuation at this facility (vocal, paging	system, manual alarm, etc.):
Vocal alams will be given	in the Crent of an emergency

Evacuation Drills

Evacuation drills and records proving you have held such drills are required by California law. The drill record does NOT have to be provided to the Fire Department with this business plan, but shall be maintained for a period of three years and shall be available for review by Fire Department personnel. The record shall include the facilitator's name, title, facility location, date of drill, and the signature of the facilitator. For your convenience, a form for recording list information is included with this packet. Make additional copies as needed.

The following four forms:

- A) Evacuation Drill Record
- B) Emergency Coordinator Task Completion Sheet
- C) Emergency Chemical Disclosure Form
- D) Training Record

These forms are designed to assist you in organizing, planning and maintaining permanent records. They are to be retained at the business, and may be requested by emergency responders upon their arrival or during your annual fire inspection.

GARDEN GROVE FIRE DEPARTMENT BUSINESS EMERGENCY PLAN

EVACUATION PLANNING

Describe the evacuation routes, emergency exits, and staging areas for employees in each work area at this facility. (A "staging area" is a specific location where your personnel meet after an evacuation, where you make sure everyone evacuated safely.)

1	. Working area:
	Evacuation route: South though S.W. roll poor
	Emergency exits: S.W. Rolling Joon
	Staging area: Sw come of popul on Fdison Bud
2.	Working area: Inspection
	Evacuation route: course though S.E. roll up down
	Emergency exits: SE Roll up door
	Staging area: SW come of property on Edison Blod.
3.	Working area: Debur
	Evacuation route: South through S.W. Roll-up 200-
	Emergency exits: S. W. Roll up door
٠	Staging area: Sw corner of property on Ed:son Blud.
4.	Working area: Warehouse
	Evacuation route: East roll up door, recest exit to type or ren co account
	Emergency exits: East rollip Door, North east exit
	Staging area: North property adjacent to Belgrave Av.
5.	Working area: Yawa
	Evacuation route: exit ford to rearest evacuation area
	Emergency exits: NA - Oxology
	Staging area: Firmer North on Sain west Staging areas

GARDEN GROVE FIRE DEPARTMENT BUSINESS EMERGENCY PLAN

EVACUATION PLANNING

Describe the evacuation routes, emergency exits, and staging areas for employees in each work area at this facility. (A "staging area" is a specific location where your personnel meet after an evacuation, where you make sure everyone evacuated safely.)

	1. Working area: Office
	Evacuation route: Exit Tworys corrodor to Front Joon
	Emergency exits: Frant Joo of Grading along morthual
	Staging area: Norm area actiquent to beginner
2	. Working area:
	Evacuation route:
	Emergency exits:
	Staging area:
3.	
	Evacuation route:
	Emergency exits:
	Staging area:
4.	
٠,	Working area:
	Evacuation route:
	Emergency exits:
	Staging area:
5.	·
Ο,	Working area: Evacuation route:
	Evacuation route:
	Emergency exits:
	Staging area:

GARDEN GROVE FIRE DEPARTMENT BUSINESS EMERGENCY PLAN

EMPLOYEE RESPONSIBILITIES:

Every business is required to develop an emergency plan. Part of this plan shall include the pre-assignment of important emergency duties to specific employees, and training of employees to carry out these emergency duties. Provide this information below for those employees who will carry out the emergency duties:

JOB TITLE: Wardiouse Supervisor
EMERGENCY FUNCTION(S): Ensure all personnel cuit the building
a. Coordinate with Shap supervisor to ensure cropping is evacuated
b. Call authorities,
C
d
JOB TITLE: Shop Supervisor
EMERGENCY FUNCTION(S): Ensure all more on exit to build.
a. Coodinak with spenisor to ensure everyone is exacuted
b. Direct For personnel to the location of any denical
C
d
JOB TITLE: Warehouseman Do G.
JOB TITLE: Warhouseman, Deburn, marchinist, helper, or employee in treate EMERGENCY FUNCTION(S): Fraction for birding in a Fast and safe runner
ars C. I save and save save save save
b
cd.
u.

GARDEN GROVE FIRE DEPARTMENT BUSINESS EMERGENCY PLAN

TRAINING:

Every business handling hazardous materials above the minimum limits shall provide training for their employees in the following area:

- A. Method for safe handling of hazardous materials.
- B. Procedures for notification and coordination with emergency agencies, in the event of a spill or threatened spill.
- C. Use of emergency response equipment and supplies under the control of the handler.
- D. Emergency mitigation procedures in response to a release or threatened release hazardous material.
- E. Tasks assigned to employees in the event of a hazardous materials emergency.
- F. Evacuation procedures.

Describe the type of training programs you either are currently using or will use during the next year to provide the required employee training.

- Hazardous Communication program
- Emergencies preparation and response
Soll Solver who is classed
Spill prevention + Cleanup procedures Progular tool box neerings
Regular 1001 pot replique
These training programs we not intended to be the only
training congloyees receive. Rather that make up only
er part of the bigger Dictory of Safety and
engloyees receive. Patrer that make up only en part of the bigger picture of Safrey and emergency trainings that include formal training and on
The Job training.
· ·

GARDEN GROVE FIRE DEPARTMENT BUSINESS EMERGENCY PLAN

PREVENTION:

Part of the emergency pre-planning process is to identify potential hazards BEFORE an emergency, then either eliminate the hazard (if feasible) or prepare to handle the hazard should an emergency occur. To help you in this task, the form below is designed to help you identify potential hazards and to plan for minimizing the hazard. Complete this information for each hazardous materials storage location within your facility.

HAZARDOUS MATERIALS	
STORAGE LOCATION	PREVENTATIVE MEASURE
1. South West Storge Cation	improve cleanup tit accessabilit
2	isolate and Store solvent + acetor
3.	soperately
4	/
5	
6	
7	
8	
Prevention measures to be taken at this Purchase clean up Rit supplies Purchase Hamable Storage	
Estimated date of completion: 430-10	

GARDEN GROVE FIRE DEPARTMENT BUSINESS EMERGENCY PLAN

A BUSINESS IS REQUIRED BY LAW TO NOTIFY THE GARDEN GROVE FIRE DEPARTMENT WITHIN 30 DAYS OF ANY OF THE FOLLOWING EVENTS:

- 1. Change of business address.
- 2. Change of business ownership.
- 3. Change of business name.
- 4. Cessation of business operation (quitting business).
- 5. Use or handling of a previously undisclosed hazardous material.
- 6. A 100% increase in the quantity of a previously disclosed hazardous material.

IN ADDITION, IF A BUSINESS HANDLES EXTREMELY (ACUTELY) HAZARDOUS MATERIALS, THE BUSINESS MUST NOTIFY THE GARDEN GROVE FIRE DEPARTMENT WITHIN 30 DAYS OF ANY OF THE FOLLOWING EVENTS:

1. A modification, change, or addition to your facility which either increases your usage of extremely hazardous materials by 10% or greater, or substantially increases the risk in handling extremely hazardous materials at that address.

Your business is required by State law to retain a copy of this entire Business Plan, chemical inventory, material safety data sheets and site maps, for review by Fire Department personnel. State where your Disclosure and Emergency Business Plan will be kept.

Wim Shop Symison along with other inspection documents

Show location on site map also using symbol in the legend.

Note: A fee is charged for a replacement copy from the Garden Grove Fire Department.

I certify, under penalty of perjury, that the enclosed information is true and correct to the best of my knowledge.

Signatu	re:
Name:	Raprick Vincent
Title:	HR Manager
Date:	7-2410

GARDEN GROVE



FIRE DEPARTMENT

HAZARDOUS MATERIALS DISCLOSURE PROGRAM

REPORTING FORMS PACKET PART 1

	F	OR OFFIC	IAL USE	ONLY			
FACILITY I	FACILITY ID NO.						
BUSINESS	BUSINESS NAME						
APPROVED BY: DATE:							
NEW BUSI	VESS _			UPDATE			
FEE	1	2	3	4	5	6	
PICK 4	D BU	SLIST	CALARP	: CU	PA:	GIS	



CITY OF GARDEN GROVE FIRE DEPARTMENT

11301 Acacia Parkway, Garden Grove, CA 92842 (714) 741-5600 (714) 741-5636

Hazardous Materials Business Information Form

Page / of /

				y -	
Section Control of the Control of th	USINESS INF	FORMATION			
FACILITY# 3 0 0 3 5		BEGINNING DATE	1	ENDING DATE	2
Sported Life CCF (1)		1-25-0	7	1-26-20	107
BUSINESS NAME			4	BUSINESS PHONE	5
PCIT HEROSTRUCTUR BUSINESS SITE ADDRESS	<u> 22.</u>	TPANY		714841-	
7100.7120 BELGRI					6
CITY GARDEN GROVE	700	7	STATE 8	ZIP	9
OANDEN GROVE			CA	92841	
DUN & BRADSTREET	1	0 SIC CODE (4 DIGIT #) 11	FIRE DISTRICT	12
COUNTY		1 1731		2314	
ORANGE					13
BUSINESS OPERATOR NAME		14	OPERATOR'S	S PHONE	15
PCA AGROSPACE					
	BUSINESS	OWNER			
OWNER NAME			16	OWNER PHONE	17
PETER WEbbER				774 - Edi. 1	150
OWNER MAILING ADDRESS					18
CITY	STREET				
		19	STATE 20	ZIP	21
EMI	/IPONMENT	AL CONTACT		<u> </u>	
CONTACT NAME		AL CONTACT			
JOSEPH Ebner	2		22	CONTACT PHONE	23
CONTACT MAILING ADDRESS				714-322-9	
17800 GOTHARD	STREET	_		714-841-1	730
CITY		25	STATE 26	ZIP	27
HUNTINGTON BEA				9264-	7
	ERGENCY C	ONTACIS	SECON	IDARY	
GIL DESPUTOL	28 NA	ME -	1	4	33
TITLE JEST GAGE	29 TII	JOSEPH	Eb	NCK	34
MANUFACTURING DIRECT			CARD	DINATOR	, 34
BUSINESS PHONE	30 BU	SINESS PHONE			35
714-841-1750 X 34			-1750) X 307	!
24-FIX. PHONE	31 24-	HR. PHONE			36
PAGER#	32 PA	GER#			37
					"
ADDITIONAL LC	CALLY COLL	ECTED INFORM	ATION		100
DESCRIBE THE TYPE OF BUSINESS OPERATION:			<u> </u>	TOTAL # OF EMPLOYER	ES 39
	T INdus	TRAL	30	6	_3 39
BILLING ADDRESS (IF DIFFERENT FROM ABOVE)				ATTENTION _	41
17800 GOTHARD STRE	ET. HUM	ring TON BE	each	Accounts t	AYABLO
TOP	ress n		43	PHONE	11.00 44
Certification: Based on my inquiry of those individua	0 W. 16	ST CUSTA 1	MESA	714-264-2	law that I
nave personally examined and am familiar with the infor	mation submitted	and believe the inform	mation is true	e, accurate, and con	nplete.
SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESEN	TATIVE			DATE	46
NAME OF SIGNER (prigt)				1-31-0	<u> </u>
PETER B. WEBBUN	47 NAM	E OF DOCUMENT PREPAI	RER (print) . 6 N ER		49
TITLE OF SIGNER	48 TITL	E OF DOCUMENT PREPAR	RER	<u>` </u>	50
PRESIDE T		AFETY CO	0 R DIA	17TOR	
haz-mtl-bus.doc 3-13-02		,			



CUPA

BUSINESS ACTIVITIES

				PageJ of
FACILITY	elden nel	CATIONS	40	
RAGINALDIE 3 0 0 3 5	. EPA ID	A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	lous V	Vaste Only) 2.
BUSINESS NAME (Same as FACILITY NAME or DBA Doing Busines	s As)			3,
Pea Aerospace. Pc	A F	fero:	5 <i>T</i> (ructures Company
#NOTE: NOTE:	VEGE			dine lid
iblease submit the Business		200 100 100 100 100 100 100 100 100 100		
Allegae sharat are databless.	CANTIEN	Oheler		definition that had a second
Does your facility	<u> </u>	If Yes, p	lease	complete these pages of the UPCF
A. HAZARDOUS MATERIALS				
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the	r .	Ои	4.	HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION (Form 3)
applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is	,		-	
required pursuant to 10 CFR Parts 30, 40 or 70?				
B. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?			-	
Own or operate underground storage tanks? Intent to upgrade existing or install new USTs?	YES	M Пио	5 .	✓ UST FACILITY (Formerly SWRCB Form A) ✓ UST TANK (one page per tank) (Formerly Form B) ✓ UST FACILITY
		W NO	٥.	✓ UST TANK (one per tank)
				✓ UST INSTALLATION - CERTIFICATE OF
				COMPLIANCE (one page per tank) (Formerly
3. Need to report closing a UST?	TYES	Пио	7.	Form C) UST TANK (closure portion-one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTS)	10,00			GOT WANT (COSSIC PORON ONE PAGE POR LINN)
Own or operate ASTs above these thresholds:	1			
- any tank capacity is greater than 660 gallons, or	YES	MO	8.	✓ NO FORM REQUIRED TO CUPAS
the total aggregate capacity for the entire facility (ASTs, drums and portable containers) greater than 1,320 gallons? D. HAZARDOUS WASTE				
Generate hazardous waste?	C VEC	Elko		(EDA IDANIMADED
 Generate inazaroous waste? Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)? 	☐ YES	□ruo [ruo	9. 10 <u>.</u>	
3. Treat hazardous waste on site?	☐ YES	Мио	11.	✓ ONSITE HAZARDOUS WASTE TREATMENT - FACILITY
				(Formerly DTSC Forms 1772)
				✓ ONSITE HAZARDOUS WASTE
				TREATMENT - UNIT (one page per unit)
				(Formerly DTSC Forms 1772A,B,C,D and L)
 Treatment subject to financial assurance requirements (for Permit by Rule and Condition Authorization)? 	YES	MNO	12.	✓ CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remove site?	YES	NO	13.	✓ REMOTE WASTE/CONSOLIDATION SITE
· ;	! !			ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
Need to report the closure/removal of a tank that was classified waste and cleaned onsite?	YES	Ŋ\NO	14.	✓ HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)
LOCAL REQUIREMENTS				
al-ARP: California Accidental Release Prevention Program 1&SC Chapter 6.95, Article 2, §25531 et seg	YES	№ ио	15.	✓ REGULATED SUBSTANCE REPORTING FORM (Orange County CUPA)
 Stationary Source with more than a Threshold Quantity of a Regulated Substance in a Process 				



☐ ADD ☐ DELETE ☐ REVISED	Page of L. 2
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CHEMICAL LOCATION	
CONFIDENTIAL LOCATION FOCA FOCA CONFIDENTIAL LOCATION FOCA FOCA CONFIDENTIAL LOCATION FOCA FOC	enue GARDEN GROVE CA 92841
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29	30
; 29	30 DYes DNo 31
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If EPCRA, Please Sign Here	MAKE AS MANY COPIES OF CHEMICAL INVENTORY FORM AS NEEDED
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COMMON NAME	* If EPCRA see instructions
Uni Lube 22	9 An EHS Chemical Yes No 12
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Attn: Joe Ebner

MATERIAL SAFETY DATA SHEET

Synthetic 5503

Date Prepared: 08/14/2006

Page 1 of 6

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name

Product Number(s)

Synthetic 5503

GW55030-01, GW55030-05, GW55030-05,

GW55030-00

Chemical Nume

Usc

Mixture

Varies

Company Identification

Telephone Numbers

GoldenWest Lubricants, Inc. 1937 Mount Vernon Avenue

Emergency: Chemtree (24 lar) Technical Information:

(800) 424-9300

Pomona, CA 91768-3312

(909) 865-1937 Product Information: (909) 865-1937

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

Components	CAS No.	% by Wt.	OSHA PEL	TWA (ACCIII)
Tricthanolamine		>1	None Established	5 mg/m³
Boric Oxide		>0.5	None Established	None Established

<u>NQTE:</u>

All the components of this material are listed on the Toxic Substances Control Act Chemical Substances inventory.

Date Prepared: 08/14/2006

Page 2 of 6

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- Can cause eye irritation
- Prolonged exposure can cause skin irritation
 - Do not swallow

Potential Health Effects

Eye:

May cause stinging irritation, tearing, or redness.

Skin Contact:

Repeated or prolonged contact may cause dryness or irritation.

Ingestion:

May cause mouth and throat in:itation when swallowed; ingestion of large quantities may cause

discomfort.

Inhalation;

If used in applications where mist is generated, may cause irritation to nose and throat.

Signs and Symptoms of Exposure:

Irritation to skin, watering or redness in eyes, discomfort, throat irritation

if swallowed.

FIRST AID MEASURES

Eye:

Flush with water. If irritation occurs call for medical assistance.

Skin:

Remove contaminated clothing. Wash with soap and water. Call for medical attention if

symptoms prevail.

Ingestion:

DO NOT induce vomiting. Get medical assistance.

Inhalation:

Remove person to fresh air. Call for medical attention if needed.

5. FIRE FIGHTING MEASURES

Flash Point:

NΛ

Method:

ASTM D-92

Flammable Limits (% by volume in air): Lower:

Upper ND

Extinguishing Media:

Non Flammable Use available media to cool material.

ND

NFPA Ratings: Health

1 Flammability -

Reactivity -

(0 - Insignificant, 1 - Slight, 2 - Moderate, 3 - High, 4 - Extreme)

Date Propared: 08/14/2006

Page 3 of 6

Fire Fighting Instructions:

Non-Flammable. Wear protective clothing and self-contained breathing

apparatus. Use available media to cool containers exposed to fire.

Combustion or Decomposition Products:

May cause smoke, oxides of carbon nitrogen and boron

ó, ACCIDENTAL RELEASE MEASURES

Chemtree Emergency Number (24 hrs):

(800) 424-9300

U.S. Coast Guard National Response Center:

(800) 424-8802

Spill Procedures: Personal Protective Equipment must be worn; see Section 8 for recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for huzardous substances to determine regulatory reporting requirements for spills.

7. HANDLING AND STORAGE

Handling and Storage:

Avoid eye and prolonged skin contact as with all industrial materials. Wash thoroughly after handling. Follow all MSDS/label precautions after container is emptied because they may retain product residues. Store in a cool, dry place. Keep containers closed when not in use.

Read and follow all precautions on product label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Face Protection:

Use chemical goggles or face shield.

Skin Protection:

Contact may be minimized by wearing protective clothing and oil resistant gloves.

Respiratory Protection:

Use NIOSH/MSHA approved full face respirator with an organic vapor cartridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and large spill clean-up

sites.

Engineering Controls:

Good general ventilation should be sufficient to control airborne levels below exposure limits. A local exhaust is recommended in enclosed areas.

Clothing

Recommendation:

Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. Do not wear rings, watches or similar apparel that could

entrap and cause a skin reaction.

Date Prepared: 08/14/2006

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Transparent Yellow Pluid

Odor:

Mild Odor

Specific Gravity (water = 1):

1.01 - 1.04

8.0

Viscosity SUS @ 100 F:

ND

Flash Point:

NA

pH (as is):

ND

pH (dilute) (a) 10 %;

7.6

Solubility in Water (%);

100

Vapor Pressure (mm Hg):

ND

Vapor Density (air = 1):

Volatile Organic Compound;

ND ND

10. STABILITY AND REACTIVITY

Hazardous Decomposition Products:

May cause smoke, oxides of carbon, nitrogen and boron.

Chemical Stability:

Material is normally stable at room temperature and pressure. See the

Hundling and Storage section for further details.

Conditions to Avoid:

NA

Incompatibility with other Materials:

Oxidizing or acidic materials

Hazardous Polymerization:

Will not occur

H. TOXICOLOGICAL INFORMATION

No information available at present time.

12. ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. As a precaution, product should be kept our of sewage and drainage systems and bodies of water,

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal laws and regulations. Empty containers must be handled with care due to product residue. GoldenWest Lubricants Inc. will provide lists of companies which recycle or handle waste material to customers upon request. For information call (909) 865-1937,

TRANSPORT INFORMATION 14.

DOT Shipping Name:

Metal Cutting, Drawing or Drilling Compound

DOT Hazard Class:

Not regulated

DOT Packaging Group:

NA -

DOT/UN Identification:

NA

Additional Information:

15, REGULATORY INFORMATION

TSCA Status:

All components are listed in TSCA inventory.

CERCLA Reportable Quantity:

This product does not contain any RQ substances.

SARA Title III: Title III of the Superfund Amendments and Reauthorization Act of 1986:

Section 302 Extremely Hazardous

Not an extremely hazardous substance

Substances:

Section 311/312 Hazardous Categories:

Immediate (Acute) Health Effects: Yes

Delayed (Chronic) Health effects:

No

Fire Hazard:

No

Sudden Release of Pressure Hazard:

No

Reactivity Hazard:

No

Carcinogenicity Status:

Constituents not listed by: IARC, NTP,

OSHA

SARA 313 Toxic Chemical Release Reporting:

Synthetic 5503

Date Prepared: 08/14/2006

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Chemical Name

CAS Number

% in Product

This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) listed under SARA Section 313.

California Proposition 65 Status:

Not Applicable

16. OTHER INFORMATION

Label Hazord Ratings:

NFPA

Fire - 1

Health - 1

Reactivity - 0

Specific Hazard - none

HMIS

Health - I

Fire - 0

Reactivity - 0

Personal Protection Index - C

MSDS Revision Statement:

All sections revised.

Supersedes: 03/01/1999

This information is, to the hest of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use



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CONFIDENTIAL LOCATION	-O Belger	Who 5 MAP #	IUE GA	RIVEN GR	OUC CA	9284	ł I
		II. CHEMIC	AL INFORMATION		SAID!	1-9	7
CHEMICAL NAME	PROPANG		WARTE		RADE SECRET	₽res [7
	MYERCIAL C			٥١	· H EPCRA see	-] No 11
CAS#	ROPANG = 10 FIRE CODE	LPGAS - LF	26 Berne	645 A	n EHS Chemical	-	12 No 12
PHYSIC SERVICE STREET		HAZARD CLASSES (supplied	by GGFD)		ichois res, as	amounts must be LBS	13
T. MEGAP COMP.	a. PURE b. MIXTUI	RE C. WASTE	14 RADIOACTIVE	Yes W	o 15 CUR	JES	16
	a. SOLID Db. LIQUID	☑ c. GAS 17	Cons. V.		ACTIVE C	PRESSURE RELEA	SE 18
AVERAGE DAILY	19 MAXIMUM DAIL	Y 20		ACUTE HEALTH		CHRONIC HEALTH	
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TORAGECONTAINET	2. ABOVEGROUND TANK b. UNDERGROUND TANK	e. PLASTIC DRUM	i. VAT	m CYLINDER	₹] q. TANK WAGON	26
	C. TANK INSIDE BLDG	9: METAL CONTAINER 1. CARBOY	I. BAG(S) I. BOX(S)	n. Glass co	ONTAINER	r. RAIL CAR	
DIARRICE RESCUES	a. AMBIENT	b. ABOVE A		. BELOW AMBIENT	DR EQUIP [I. OTHER	
%WT	Da. AMBIENT	D. ABOVE A	MBIENT C	BELOW AMBIENT	□ ø. c	RYOGENIC	28
1 29	HAZARDOUS COM	PONENT (For mixture	or waste only)	EHS		CAS#	
2 29			30	□Yes □1	Vo 31		32
3 29			30	Yes D	Vo 31		32
1 29			30	□Yes □N			32
5 29			30	□Yes □N			32
lmore hazardous components are	present at greater than 1% by weigh	1 if non-carcinogenic, or 0.1% b	y weight If carcinogenic, attac	Yes N	o 31	required information	32
		PLACARDING	INFORMATION		E Artis		
NDOT#	efer to shipping papers	- NCOO	33		HAZARD DI	MOND	
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00.100	Refer to shipping pa		34	(BLUE) PECIAL	\checkmark	◆ (VETTOM)	
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GARDEN GROVE



FIRE DEPARTMENT

HAZARDOUS MATERIALS DISCLOSURE PROGRAM

REPORTING FORMS PACKET: PART 2

BUSINESS EMERGENCY PLAN SHORT VERSION

THE FOLLOWING FORMS ARE FOR USE IN THE EVENT OF AN ACTUAL OR THREATENING HAZARDOUS MATERIALS EMERGENCY.

FILL THESE FORMS OUT COMPLETELY AND BE READY TO HAND THEM TO THE FIRE DEPARTMENT PERSONNEL WHEN THEY ARRIVE AT THE EMERGENCY SCENE.

IN THE EVENT OF AN EMERGENCY,

CALL 911

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM

BUSINESS EMERGENCY PLAN

All businesses using, handling or storing hazardous materials that are required to disclose must complete a Business Emergency Plan. The occupancy groups listed below will be permitted to complete a short version of the business plan. The completion of the short form shall be considered the application required in the Health and Safety Code, Title 20, Chapter 6.95, Section 25503.5.

The Chief of the Garden Grove Fire Department in the role of the Administering Agency, allows the following types of businesses to file the short version of the Business Emergency Plan.

- 1. Gasoline/Diesel service stations. S-3 occupancies.
- 2. Repair Garages. H-4 occupancies.
- 3. Dry Cleaners
- 4. Businesses, at the Fire Chief's discretion, with less than 10 employees and using materials that are not considered highly or acutely toxic.

The Fire Chief exempts the following portions from the business plan. These exemptions have been established because the materials used in the above-mentioned occupancies are common knowledge to first responding units. The materials pose no significant, unexpected hazard nor do they affect the ability of the administering agency to effectively respond to their release of a hazardous material, and that there are unusual circumstances justifying this exemption.

Exemptions

- 1. Detailed evacuation plans.
- 2. Detailed key employee responsibilities.
- 3. Training outline.
- 4. Detailed prevention outline.

The following Short Business Emergency Plan must be completed in order for the exemption to be granted.

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM

BUSINESS EMERGENCY PLAN

Personnel Emergency Notifications and Responsibilities

Employee Evacuation and Staging Areas:

1. The type of alarm signal that will be used to initiate an evacuation at the facility: (vocal, paging system, manual alarm, etc.)

VOCAL - FLARE BELL . 2/20/67 INSTALL

- 2. All employees shall be trained to evacuate the facility through at least one exit. Alternate exit routes shall be designated if available.
- 3. Staging areas shall be designated for all employees. Staging areas will be the location that all employees shall report to in the event of an emergency.

One person shall be designated to account for all personnel at the staging area. That person will be responsible for meeting the incoming Fire units and reporting the conditions known about the incident.

The Staging area is at the following location as shown on your site plan map.

C-9

Employee Responsibilities:

At least one employee shall be responsible for the following minimum requirements in the event of an emergency response by the Fire Department.

- 1. Notify employees. Initiate evacuation procedures.
- 2. Notify the Garden Grove Fire Department. Dial 911
- 3. Try to identify the nature of the incident.
- 4. Report to the staging area and account for evacuated employees.
- 5. Report to the incoming fire units.
- Activate any emergency mitigation procedures that are available at your business. (List below any mitigation procedures specific to your business, if any.)

DAIL	٩١١	· · · · · · · · · · · · · · · · · · ·	

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM

BUSINESS EMERGENCY PLAN

Personnel Emergency Notifications and Responsibilities

Training Requirements

State law requires training of employees where the business uses, handles or stores hazardous materials.

Employee training provided on:

- Appointment of person/persons on site who are trained in key role positions.
 Emergency coordinator, evacuation coordinators, staging area supervisors and documenting officers.
- Procedures to follow during a release or threatened release of a hazardous material (evacuation to staging areas).
- · Information contained in material safety data sheets.
- Warning labels/placards.
- · Safe work practices.
- Use of on site emergency equipment and supplies.
- Use and location of personal protective equipment.
- Any chemical, hazardous material or substance that could be encountered in his/her work area.
- On-site alarm system for evacuation.
- Discuss possible release of hazardous materials scenario.

Emergency Notifications

A handler of hazardous materials is required to immediately report any release or threatened release of hazardous materials to the Garden Grove Fire Department. Failure to do so may result in criminal and/or civil prosecution.

Required Notifications

In the event of a release or threatened release of hazardous materials, it is state law to notify each of the following agencies:

Agency	Phone Numbers
Garden Grove Fire Department, Police, Paramedics Office of Emergency Services (OES) National Response Center	91] (800) 852-7550 OR (916) 427-434] (800) 424-8802

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM

BUSINESS EMERGENCY PLAN

Personnel Emergency Notifications and Responsibilities

Prevention

All materials are stored, used and handled within the guidelines of the Uniform Fire Code, N.F.P.A. standards, California Administrative Code, Titles 19 and 20.

This section is meant to initiate a Prevention Plan at your business and to assist in preventing a release, or threatened release, of a hazardous material. In the spaces provided, place a checkmark by the preventive actions which have been initiated by your business to abate hazards relating to hazardous material handling, use of storage.

1. Drum storage and/or above ground tank storage areas: a ✓ Isolation and separation of incompatible materials b ─ Diking areas to contain spills c ─ Storage on paved ground 2. Compressed and/or cryogenic gas storage areas: a ✓ Cylinders stored upright and secured b ✓ Isolation and/or separation of incompatible cylinders (oxygen and flammable gases, etc.) 3. General: a ✓ Safe work practices are exercised in daily routines. b ✓ Employees who handle hazardous materials are properly trained. c ✓ Material Safety Data Sheets (MSDS) readily available for each hazardous material on the premises. d ✓ Labeling of all materials and storage areas with the product name and hazards associated with the product (drums, piping, tanks, etc.) e ✓ Uniform Fire Code (UFC) requires separation between outside hazardous material storage area or tanks and combustible materials (wood, bush, etc.) Posting of "No Smoking" signs where appropriate.	\overline{C}	onsidera	tion shall include:
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f Posting of "No Smoking" signs where appropriate.		e	Uniform Fire Code (UFC) requires separation between outside hazardous material storage area or tanks and combustible materials
		f_V.	Posting of "No Smoking" signs where appropriate.

GARDEN GROVE FIRE DEPARTMENT

BUSINESS EMERGENCY PLAN

A BUSINESS IS REQUIRED BY LAW TO NOTIFY THE GARDEN GROVE FIRE DEPARTMENT WITHIN 30 DAYS OF ANY OF THE FOLLOWING EVENTS:

- 1. Change of business address.
- 2. Change of business ownership
- 3. Change of business name
- 4. Cessation of business operation (quitting business)
- 5. Use or handling of a previously undisclosed hazardous material
- 6. A 100% increase in the quantity of a previously disclosed hazardous material

Your business is required by State law to retain a copy of this entire Business Plan, chemical inventory, material safety data sheets and site maps, for review by Fire Department personnel. State where your disclosure and Emergency Business Plan will be kept.

7106-7120 BELGRAVE AVE GARDEN GROVE, CALIFORNIA

Show location on site map also using symbol in the legend.

Note: A fee is charged for a replacement copy from the Garden Grove Fire Department.

I CERTIFY, UNDER PENALTY OF PERJURY, THAT THE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

> SIGNATURE NAME: EDNER 05E2H PROJECT MANAGER TITLE: 1-29-2007

DATE:

MATERIAL SAFETY DATA SHEET

Date Prepared, 07-01/2006

Page Lof 6

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

From:

Product Name

Product Number(s)

Accione

GW83000-00. GW83000-01, GW83000-05,

GW83000-55

Chemical Name

Ketone

Use

Varies

Company Identification

Telephone Numbers Emergency: Chemtree (24 hr)

(800) 171-9300

GoldenWest Lubricants, Inc. 1937 Mount Vernon Avenue Pomona, CA 91768-3312

Technical Information:

(909) 865-1937

Product Information:

(800) 5:10-5823

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

Components CAS No. % by Wt. OSHA PEL TWA (ACGIII)

Accione

67-64-1

100

750 ppm

750 ppm

NOTE:

All the components of this material are fisted on the Toxic Substances Control Act Chemical Substances inventory,

Aceton	e	Date Prepared: 07/01/2006
		Page 2 of 6
.5.	HAZARDS IDENTIFICATION	

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- Prolonged exposure can cause skin irritation
 - Keep out of sewers and waterways
 - May cause eye irritation

Potential Health Effects

Eye:

May cause stinging irritation, tearing, or redness,

Skin Contact:

Repeated or prolonged contact may cause dryness or irritation.

Ingestion:

May cause mouth and throat irritation when swallowed, ingestion of large quantities may cause

discomfort.

Inhalation:

If used in applications where must is generated, may eause irritation to nose and throat,

Signs and Symptoms of Exposure:

Irritation to skin, watering or reduces in eyes, discomfort, throat irritation if

swallowed

FIRST AID MEASURES

Eye:

Plush with water. If irritation occurs call for medical assistance

Skin:

Remove contaminated clothing. Wash with soap and water. Call for medical attention if

symptoms prevail.

Ingestion:

DO NOT induce vomiting. Get medical assistance.

Inhalation;

Remove person to fresh air. Call for medical attention if needed.

5. FIRE FIGHTING MEASURES

Flash Point:

1.1

Method:

ASTM D-92

Flammable Limits (% by volume in air):

Lower:

ND

Upper: ND

Extinguishing Media:

Dry chemical, carbon dioxide, water fog, foam

NFPA Ratings: Health

Flammability

Reactivity -()

(0 - Insignificant, 1 - Slight, 2 - Moderate, 3 - High, 1 - Extreme)

Acetone

Date Prepared: 07/01/2006

Page 3 of 6

Fire Fighting Instructions:

Wear protective clothing and self-contained breathing apparatus. I stinguish

with Joani, dry chemical, carbon dioxide.

Combustion or Decomposition Products:

May cause dense smoke, oxides of carbon and various

hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Chemiree Emergency Number (24 hrs).

(800) 124-9300

U.S. Coast Guard National Response Center:

(800) 424-8802

Spill Procedures: Personal Protective Equipment must be worn; see Section 8 for recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

7. HANDLING AND STORAGE

Handling and Storage:

Avoid eye and prolonged skin contact as with all industrial materials. Wash thoroughly after handling. Follow all MSDS label precautions after container is emptied because they may retain product residues. Store in a cool, dry place. Keep containers closed when not in use

Read and follow all precantions on product label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Face Protection:

Use chemical goggles or face shield.

Skin Protection:

Contact may be minimized by wearing protective clothing and oil resistant gloves

Respiratory Protection:

Use NIOSH/MSHA approved full face respirator with an organic vapor cartridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and large spill clean-up vites.

Engineering Controls:

Good general ventilation should be sufficient to control airborne levels below exposure

limits. A local exhaust is recommended in enclosed areas.

Clothing

Recommendation:

Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. Do not wear rings, watches or similar apparel that could

entrap and cause a skin reaction,

JAN-29-2007 17:12

rom:

To:9,17148416185

Page:41/43

Acetone

Date Prepared: 07/01/2006

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Clear Liquid

Odor:

ND

Specific Gravity (water = 1):

0.79

Viscosity SUS (at 100"F:

ND

Flash Point:

1175

pH (as is):

. . . .

pH (dilute) @ 5 %:

ND ON

Solubility in Water (%):

0

Vapor Pressure (mm Hg):

ND

Vapor Density (air - 1):

2.0

Volatile Organic Compound:

790 g/L

10. STABILITY AND REACTIVITY

Hazardous Decomposition Products:

May cause dense smoke, oxides of carbon and various hydrocarbons.

Chemical Stability:

Material is normally stable at room temperature and pressure. See the

Handling and Storage section for further details.

Conditions to Avoid:

Excessive heat or flames

Incompatibility with other Materials:

Oxidizing or acidic materials

Uazardous Polymerization:

Will not occur

11. TOXICOLOGICAL INFORMATION

No information available at present time.

Acetone

Date Prepared, 07/01/2006

Page 5 of 6

12. ECOLOGICAL INFORMATION

No data are available on the adverse effects of this material on the environment. As a precaution, product should be kept out of sewage and drainage systems and bodies of water.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal laws and regulations. Empty containers must be handled with care due to product residue. GoldenWest I ubricants Inc. will provide lists of companies which recycle or handle waste material to customers upon request. For information call (626) 443-3441.

14. TRANSPORT INFORMATION

DOT Shipping Name:

Acetone (Flammable Liquid)

DOT Hazard Class:

- 3

DOT Packaging Group:

11

DOT/UN Identification:

1090

Additional Information:

15. REGULATORY INFORMATION

TSCA Status:

All components are listed in TSCA inventory.

CERCLA Reportable Quantity:

This product does not contain any RQ substances.

SARA Title III: Title III of the Superfund Amendments and Reauthorization Act of 1986;

Section 302 Extremely Hazardous

Substances:

Not an extremely hazardous substance

Section 311/312 Hazardous Categories:

Immediate (Acute) Health Effects:

Yes

Delayed (Chronic) Health effects:

Yes

Fire Hazard:

Yes

Sudden Release of Pressure Hazard:

No

Reactivity Hazard;

No

Carcinogenicity Status:

Constituents not listed by: IARC, NTP,

OSHA

SARA 313 Toxic Chemical Release Reporting:

Acctone

Date Prepared: 07/01/2006

Page 6 of 6

Chemical Name

CAS Number

* o in Product

This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) listed under SARA Section 313.

California Proposition 65 Status:

Not Applicable

16. OTHER INFORMATION

Label Hazard Ratings;

NFPA

Fire - 3

Health - I

Reactivity = 0

Specific Hazard - None

<u>IIMIS</u>

Health - 1 Fire - 3

Reactivity - 0

Personal Protection Index - C

MSDS Revision Statement:

All sections revised.

Supersedes, 9/28/1996

MATERIAL SAFETY DATA SHEET

Premium Way Lube 68

Date Prepared, 07-17:2006

Page Lof 6

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name

Product Number(s)

Use

Varies

Premium Way Lube 68

GW1200068-01, GW1200068-05, GW1200068-55

GW1200068-00

Chemical Name

Mixture

Telephone Numbers

Company Identification

GoldenWest Lubricants. Inc. Emergency. Chemtree (24 hr)
1937 Mount Vernon Avenue Technical Information

1937 Mount Vernon Avenue Technical Information.
Pomona, CA 91768-3312 Product Information:

(800) 424-9300

(909) 865-1937

(909) 865-1937

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

Components	CAS No.	<u>% bv W</u> t.	OSHA PEL	TWA (ACGIII)
Distillates, Hydrotreated Heavy Paraffinic Solvent Refined Heavy Napthenic Distillate	64741-96-1	#10 +10	5mg/m ³ as a mist 5mg/m ³ as a mist	Sing/m² as a mist Sing/m² as a mist

NOIF

All the components of this material are listed on the Toxic Substances Control Act Chemical Substances inventory

3.

Date Prepared: 07/17 2006

Page 2 of 6

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- Prolonged exposure can cause skin irritation
 - Keep out of sewers and waterways
 - May cause eye irritation

Potential Health Effects

Eye:

May cause stinging irritation tearing, or redness,

Skin Contact:

Repeated or prolonged contact may cause dryness or irritation,

Ingestion;

May cause month and throat irritation when swallowed; ingestion of large quantities may cause

discomfort.

Inhabition:

If used in applications where mist is generated, may cause irritation to nose and throat.

Signs and Symptoms of Exposure:

firitation to skin, watering or redness in eyes, discomfort, throat irritation

if swallowed.

4. FIRST AID MEASURES

Eye:

Flush with water. If irritation occurs call for medical assistance.

Skin:

Remove contaminated clothing. Wash with soap and water. Call for medical attention if

symptoms prevail.

Ingestion:

DO NOT induce vomiting. Get medical assistance

Inhalation:

Remove person to fresh air. Call for medical attention if needed.

5. FIRE FIGHTING MEASURES

Flash Point:

300 92

Method:

ASTNI D-92

Flammable Limits (% by volume in air): Lower:

NI)

ND Upper

Extinguishing Media:

Dry chemical, earbon droxide, water fog, foam

NFPA Ratings: Health

Hammability -

(0 - Insignificant, 1 - Slight, 2 - Muderate 3 - High, 4 - Extreme)

Date Prepared: 07.17/2006

Page 3 of 6

Fire Fighting Instructions:

Wear protective clothing and self-contained breathing apparatus. Extinguish

with foam, dry chemical, carbon dioxide,

Combustion or Decomposition Products:

May cause dense smoke, oxides of earbon, nitrogen, sulphur and

phosphorus.

6. ACCIDENTAL RELEASE MEASURES

Chemiree Emergency Number (21 hrs):

(800) 124 9300

U.S. Coast Guard National Response Center:

(800) 424-8802

Spill Procedures: Personal Protective Equipment must be worn; see Section 8 for recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free figuid for recycle and/or disposul. Residual liquid can be absorbed on men material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

7. HANDLING AND STORAGE

Handling and Storage:

Avoid eye and prolonged skin contact as with all industrial materials. Wash thoroughly after bandling. Follow all MSDS: label precautions after container is emptied because they may retain product residues. Store in a cool, dry place. Keep materials after a long act is not in a cool, dry place.

containers closed when not in use

Read and follow all precontions on product takel

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Face Protection:

Use chemical goggles or face shield,

Skin Protection:

Contact may be minimized by wearing protective clothing and oil resistant gloves.

Respiratory Protection:

Use NIOSH/MSHA approved full face respirator with an organic vapor cartridge of the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and large spill clean-up

sites.

Engineering Controls:

Good general ventilation should be sufficient to control airborne levels below exposure

limits. A local exhaust is recommended in enclosed areas.

Clothing

Recommendation:

Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. Do not wear rings, watches or similar apparel that could

entrap and cause a skin reaction.

Date Prepared: 07/17/2006

Page 4 of 6

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Dark Liquid

Odor:

Mild Sulphur

Specific Gravity (water : 1):

0.93

Viscosity SUS (a) 100°F:

347-383

Flash Point:

:300 F

pH (as is):

ND

1412

pH (dilute) @ 5 %:

ND

Solubility in Water (%):

0

Vapor Pressure (min Hg):

ND

Vapor Density (air = 1):

ND

Volatile Organic Compound:

NI)

10. STABILITY AND REACTIVITY

Hazardous Decomposition Products:

May cause dense smoke, oxides of carbon, nitrogen, sulphur and

phosphorus

Chemical Stability:

Material is normally stable at room temperature and pressure. See the

Handling and Storage section for further details.

Conditions to Avoid:

Excessive heat or flames

Incompatibility with other Materials:

Oxidizing or acidic materials

Hazardous Polymerization:

Will not occur

11. TOXICOLOGICAL INFORMATION

No information available at present time

Date Prepared: 07 17 2006

Page 5 of 6

12. ECOLOGICAL INFORMATION

From:

No data are available on the adverse effects of this material on the environment. As a precaution, product should be kept out of sewage and drainage systems and bodies of water.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal laws and regulations. Empty containers must be handled with care due to product residue. GoldenWest Lubricants Inc. will provide lists of companies which recycle or handle waste material to customers upon request. For information call (909) 865-1937.

14. TRANSPORT INFORMATION

DOT Shipping Name:

Not regulated

DOT Hazard Class:

Not regulated

DOT Packaging Group:

NA

DOT/UN Identification:

NA

Additional Information:

15. REGULATORY INFORMATION

TSCA Status:

All components are listed in TSCA inventory.

CERCLA Reportable Quantity:

This product does not contain any RQ substances

SARA Title III: Title III of the Superfund Amendments and Reauthorization Act of 1986:

Section 302 Extremely Hazardous

Substances:

Not an extremely hazardous substance

Section 511/312 Hazardous Categories:

Immediate (Acute) Health Effects:

No

Delayed (Chronic) Health effects:

Νo

Fire Hazard:

No

Sudden Release of Pressure Hazard:

No

Reactivity Hazard:

No

Careinogenicity Status:

Constituents not listed by: IARC, NTP,

OSHA

SARA 313 Foxic Chemical Release Reporting:

Date Prepared: 07 17/2006

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Chemical Name

CAS Number

% in Product

This product does not contain greater than 1.0% (greater than 0.1%) for carcinogenic substance) listed under SARA Section 313.

California Proposition 65 Status:

Not Applicable

16. OTHER INFORMATION

Label Hazard Ratings:

NFPA

(4) (3

Fire - 1

Health - 1

Reactivity - 0

Specific Hazard - none

HMIS

Health - I

Fire - 1 Reactivity - 0

Personal Protection Index - C

MSDS Revision Statement:

All sections revised.

Supersedes:

MATERIAL SAFETY DATA SHEET

Uni-Lube 22

Date Prepared 06 01 2006

Page 1 of 6

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

From:

Product Name

Product Number(s)

Uni-Lube 22

GW1050022-00 GW1050022-01 GW1050022-05

GW1050022-55

Chemical Name

Use Mixture Varies

Telephone Numbers

Golden West Lubricants, Inc. 1937 Mount Vernon Avenue

Company Identification

Pomona, CA 91768-3312

Fmergency: Chemtrec (24 hr)

(800) 424-9300 Technical Information:

(909) 865-1937

Product Information:

(909) 865-1937

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

Components CAS No. % by Wt. OSHA PEL TWA (ACGIII)

Distillates, Hydrotreated Heavy Paraffinie 64/42-54-7 $\cdot 10$

5mg/m³ as a mist

5mg/m1 as a mist

NOTE:

All the components of this material are listed on the Toxic Substances Control Act Chemical Substances inventory.

Uni-Lube 22

3.

Date Prepared: 06/01-2006

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WAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- Prolonged exposure can cause skin irritation
 - Keep out of sewers and waterways
 - May cause eye irritation

Potential Health Effects

Eve:

May cause stinging irritation, tearing, or reduess.

Skin Contact:

Repeated or prolonged contact may cause dryness or irritation.

Ingestion:

May cause mouth and throat irritation when swallowed: ingestion of large quantities may cause

discomfort.

Inbalation:

If used in applications where mist is generated, may cause irritation to nose and throat

Signs and Symptoms of Exposure:

firitation to skin, watering or redness in eyes, discomfort, throat irritation

if swallowed.

4, FIRST AID MEASURES

Eye:

Flush with water. If irritation occurs call for medical assistance

Skin:

Remove contaminated clothing. Wash with soap and water. Call for medical attention if

symptoms prevail.

Ingestion:

DO NOT induce vomiting. Get medical assistance.

Inhalation:

Remove person to fresh air. Call for medical attention if needed

Š, FIRE FIGHTING MEASURES

Flash Point:

.-300 ₽

Method:

ASTM D-92

ND)

Flammable Limits (% by volume in air): Lower:

ND Upper

Extinguishing Media:

Dry chemical, carbon dioxide, water for, foam

NFPA Ratings: Health

Flammability -

Reactivity

()

(0 - Insignificant, 1 - Slight, 2 Moderate, 3 - High, 4 - Extreme)

Uni-Lube 22

Date Prepared: 06 01/2006

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Fire Fighting Instructions:

Wear protective clothing and self-contained breathing apparatus 1 yanguish

with foam, dry chemical, carbon diaxide,

Combustion or Decomposition Products:

May cause dense smoke, oxides of carbon, nitrogen, sulphur and

phosphorus.

6. ACCIDENTAL RELEASE MEASURES

Chemtree Emergency Number (24 hrs):

(800) 424-9300

U.S. Coast Guard National Response Center:

(800) 424-8802

Spill Procedures: Personal Protective Equipment must be worn; see Section 8 for recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free fiquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

7. HANDLING AND STORAGE

Handling and Storage:

Avoid eye and prolonged skin contact as with all industrial materials. Wash thoroughly after handling. Follow all MSDS/label precautions after contamer is empticd because they may retain product residues. Store in a cool, dry place. Keep

containers closed when not in use.

Read and follow all precontions on product label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Face Protection:

Use chemical gogotes or face shield

Skin Protection:

Contact may be minimized by wearing protective clothing and oil resistant gloves

Respiratory Protection:

Use NIOSH/MSHA approved full face respirator with an organic vapor carridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space. For other poorly ventilated areas and large spill clean-up

siles

Engineering Controls:

Good general ventilation should be sufficient to control airborne levels below exposure

limits. A local exhaust is recommended in enclosed areas.

Clothing

Recommendation;

Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. Do not wear rings, watches or similar apparel that could

entrap and cause a skin reaction.

Uns-Lube 22

Date Prepared, 06-01/2006

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Straw Liquid

Odor:

Mild Hydrocarbon

Specific Gravity (water = 1):

0.86

Viscosity eSt (a) 40°C;

20.9-23.1

Flash Point:

:300 TF

PH (as is);

ND.

PH (dilute) @ 5 %:

ND

Solubility in Water (%):

()

Vapor Pressure (mm Hg):

NI)

Vapor Density (air = 1):

МD

Volatile Organic Compound:

ND

10. STABILITY AND REACTIVITY

Hazardous Decomposition Products:

May cause dense smoke, oxides of carbon, nurogen, sulphur and

phosphorus.

Chemical Stability:

Material is normally stable at room temperature and pressure. See the

Handling and Storage section for further details.

Conditions to Avoid:

Excessive heat or flames

Incompatibility with other Materials:

Oxidizing or acidic materials

Hazardous Polymerization:

Will not occur

11. TOXICOLOGICAL INFORMATION

No information available at present time.

12. ECOLOGICAL INFORMATION

Uni-Lube 22

Date Prepared: 06/01/2006

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No data are available on the adverse effects of this material on the environment. As a precaution, product should be kept out of sewage and drainage systems and bodies of water

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal laws and regulations. Empty containers must be handled with care due to product residue. GoldenWest Lubricants Inc. will provide lists of companies which recycle or handle waste material to customers upon request. For information call (209) 865-1937,

14. TRANSPORT INFORMATION

DOT Shipping Name:

Not regulated

DOT Hazard Class:

Not regulated

DOT Packaging Group:

NΛ

DOT/UN Identification:

NA

Additional Information:

15. REGULATORY INFORMATION

TSCA Status:

All components are listed in TSCA inventory.

CERCLA Reportable Quantity:

This product does not contain any RQ substances.

SARA Title III: Title III of the Superfund Amendments and Reauthorization Act of 1986:

Section 302 Extremely Hazardous

Not an extremely hazardous substance

Substances:

Section 311/312 Hazardous Categories:

Immediate (Acute) Health Effects:

No

Delayed (Chronic) Health effects:

No

Fire Hazard:

Nα

Sudden Release of Pressure Hazard:

Nο

Reactivity Hazard:

No

Carcinogenicity Status:

Constituents not listed by: IARC, NTP,

OSHA

SARA 313 Toxic Chemical Release Reporting:

Chemical Name

CAS Number

20 m Product

Uni-Lube 22

Date Prepared: 06 01/2006

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This product does not contain greater than 1.0% (greater than 0.1%) for carcinogenic substance) listed under SARA Section 313.

California Proposition 65 Status:

Not Applicable

16. OTHER INFORMATION

Label Hazard Ratings:

Fire 1

HMIS Health - 1

Health - 1

Fire - 1

Reactivity - ()

Reactivity 0

Specific Hazard - none

Personal Protection Index - C

MSDS Revision Statement:

All sections revised.

MATERIAL SAFETY DATA SHEET

EFFECTIVE JUNE 2005

Suburban Propane, L.P.

P.O. Box 206

Whippany, NJ 07981-0206

TRANSPORTATION EMERGENCY RESPONSE CHEMTREC (800)424-9300

GENERAL ADDITIONAL INFORMATION: SAFETY SERVICES (973) 887-5300

SECTION 1 - PRODUCT IDENTIFICATION

Product Name:

Commercial Odorized Propane

Chemical Name:

Propane

Chemical Family:

Petroleum Hydrocarbon

Common Names:

Liquefied Petroleum Gas, LP-Gas, LPG, Bottle Gas

SECTION 2 - PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: -44° F

FLASH POINT: -156° F

BULK DENSITY: 4.20 lbs./gal.

SPECIFIC GRAVITY:

LIQUID: 0.504

VAPOR: 1.50

GAS VOLUME @ ATM PRESSURE & 60° F (Cu. ft. gas/gal. Liquid): 36.38

SPECIFIC HEAT OF LIQUID: .630 BTU/LB & 60°F

VAPOR PRESSURE: 208 psig @ 100° F (ASTM)

EI.OI

ELQUID. .030 B10/LB & 00)

FLAMMABILITY LIMITS (% BY VOLUME IN AIR)

L.E.L.: 2.1

U.E.L.: 9.5

EXPANSION RATIO OF LIQUID GAS @ 14.7 psia: 1 to 270

LIQUID BOIL-OFF TO PROPANE VAPOR ABOVE - 44° F: 100%

COMPONENTS	CAS NO.	
PROPANE	71-98-6	*
PROPYLENE	115-07-1	*
BUTANES	106-97-8	2.5%
SULPHUR RESIDUAL MATTER	7704-34-9	185 ppmw with no discoloration of Lead Acetate paper** 0.05 ml after boil off of 100 ml liquid sample**
ODORANT(S)	Various	Odor concentration detectable in air of not over one-fifth
CORROSIVES		of the lower limit of flammability per NFPA 58 Not to exceed #1 grade copper strip test**

PROPANE IS COLORLESS AND ODORLESS

PROPANE IS VERY STABLE.

POLYMERIZATION WILL NOT OCCUR.

AN ADDED ODORANT GIVES PROPANE A STRONG UNPLEASANT SMELL. Information regarding the effectiveness or intensity of the odorants, is set forth in Section 3 below.

*Combined constituents comprise a minimum 97.45% of the total weight under Gas Processors Association (GPA) Standard 2140-97.

** Based on American Society of Testing Materials (ASTM) Standard D1835-91.

SECTION 3 - PHYSICAL HAZARD DATA

NFPA CLASSES:

- 4 Severe
- 3 Serious
- 2 Moderate
- 1 Slight
- 0 Minimal

Fire Hazard Health Hazard 1 0 Reactivity

PROPANE IS FLAMMABLE. PROPANE IS A SIMPLE ASPHYXIANT.

Flammable Gas under pressure – keep away from sources of ignition such as heat, sparks or flame. Vapor is heavier than air and may collect in low-lying areas.

PROPANE AWARENESS

Propane is a highly flammable gas. In its natural state, Propane has no odor. An odorant has been added as a warning agent to enable you to detect the presence of Propane. The odorant has a "skunk-like" or "rotten egg" smell. To familiarize yourself with the smell of the odorant, call our local office or 1-888-223-0029 to request a scratch-n-sniff sample.

Some people have a better sense of smell than others do, and some elderly people cannot detect the odor of gas. In addition, some conditions can further impair your sense of smell such as:

- · Colds, Allergies or Sinus Congestion
- Tobacco Smoke
- Strong Cooking Odors
- Use of Tobacco, Alcohol or Drugs

The odor of Propane can also fade if the odorant is exposed to soil, water, air or is adsorbed into building materials, masonry, fabrics, new gas piping or storage containers.

If you think you or the end user is unable to smell Propane or it has lost its odor, call your local office <u>immediately</u> for a Service Technician visit.

Electronic gas detectors are commercially available that may provide an additional warning about the presence of Propane.

SECTION 4 - HEALTH HAZARD DATA

Propane is a simple asphyxiant and care must be taken to provide adequate ventilation. Vapors can displace available oxygen for breathing in confined spaces. Odor may not provide adequate warning of potentially hazardous concentrations. Propane is heavier than air and may collect in low-lying areas in the absence of wind or ventilation. Liquid propane can cause freeze burns when brought into direct contact with body parts.

SECTION 5 – PRIMARY ROUTES OF ENTRY

Eye: Although propane vapor is generally non-irritating, pressurized gas may inflict mechanical injury to the eye. Direct contact with liquid propane can cause freeze burns and resultant swelling of the eye.

Skin: Contact with liquid propane can cause freeze burns similar to frostbite.

Ingestion: Deemed unlikely.

Inhalation: Simple asphyxiant. Extreme over exposure may cause dizziness, headache, disorientation, excitability, fatigue, coughing, vomiting, anesthesia, unconsciousness and death.

SECTION 6 - EXPOSURE LIMITS

COMPONENT	THRESHOLD LIMIT VALUE	PERMISSIBLE EXPOSURE LIMIT
PD 05.11	(TLV)	(PEL)
PROPANE	NE	1000 ppm
PROPYLENE	NE	NE .
BUTANES	NE	mag 008

PROPANE CAN DISPLACE OXYGEN REQUIRED FOR NORMAL RESPIRATION AND CARE SHOULD BE TAKEN TO PROVIDE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED SPACES AND IN THE ABSENCE OF WIND.

SECTION 7 - TOXICOLOGICAL INFORMATION

Propane is not listed in the latest edition of the National Toxicology Program Annual Report on Carcinogens, and has not been found to be a potential carcinogen in the latest edition of the International Agency for Research on Cancer Monographs and has not been identified as a carcinogen by OSHA.

Upon review of USC Title 15 Chapter 23 Section 2601, commonly known as Toxic Substance Control Act (TSCA), Propane has not been found to be a chemical whose manufacture, processing, distribution in commerce, use, or disposal to present an unreasonable risk of injury to health or the environment.

Propane does not contain any Class 1 or Class 2 ozone-depleting chemicals. Propane is not a listed marine pollutant.

The Food and Drug Administration (FDA) has said propane is GRAS (generally recognized as safe) as a direct human food ingredient when used as a propellant, aerating agent and gas.

Normal combustion products of propane are carbon dioxide, nitrogen and water vapor. Incomplete combustion of propane can produce carbon monoxide (CO), a toxic gas and various aldehydes; an eye and nose irritant. These can be produced both by gas appliances and internal combustion engines.

Carbon Monoxide (CO) Awareness

CO is an odorless and colorless gas, exposure to which can make you sick or can even lead to death. The very young, the elderly, people with heart disease and those under the influence of alcohol, drugs or medication are particularly susceptible.

CO can form if gas-fired equipment is not ventilating properly. CO can also form if the venting system becomes plugged by something as common as a bird's nest. This could cause CO to enter your living space.

Common indicators of the presence of CO are:

- Chronic headaches, nausea or eye irritation when indoors
- Condensation on cool, indoor surfaces
- An unidentified chronic odor inside the building
- Discoloration or soot build-up at warm air outlets of the heating system
- Dying house plants

SECTION 8 – SAFE HANDLING AND USE

Propane systems must be tested and proven leak free prior to use. Refer to National Fire Protection Association (NFPA) 54 National Fuel Gas Code for further instructions.

Keep away from all sources of ignition, including heat, sparks and open flames. Never check for leaks with a lit match or flame. Use an approved leak detector solution or electronic leak detector.

All piping and equipment used for the handling, storage and use of propane must be specifically designed for that purpose. Refer to NFPA 54 National Fuel Gas Code and NFPA 58 Liquefied Petroleum Gas Code.

OSHA 29 CFR 1910.110, DOT 49 CFR 172.700 and NFPA 58 all require that persons handling LP gases be specially trained in proper handling and operating procedures, which must be documented by the employer. Only qualified persons should transport, operate, service and/or install propane systems and containers.

Propane vapor is heavier than air and can collect in low-lying areas, especially in the absence of wind or ventilation. Propane is a simple asphyxiant.

Liquid Propane can cause freeze burns and appropriate personal protective equipment should be used whenever handling this product.

Propane cylinders should always be stored in an approved location with relief valves in direct communication with the vapor space and with service valves closed and plugged when not in use. Refer to NFPA 58 for details of specific storage requirements.

Empty propane containers retain residue and should be treated as if full. Never drop or damage containers. Damaged or corroded and leaking containers should not be utilized. Contact your local Suburban Propane supplier immediately to report any problems. If container service valve fails to operate properly, discontinue use. Never insert any object into the pressure relief valve. Return used propane to supplier for proper disposal.

SECTION 9 - EXPOSURE CONTROLS

Propane is Odorized: In its natural state, propane is odorless. An odorant has been added as a warning agent to detect its presence. This smell is characterized as "skunk-like" or having a "rotten egg" smell. It is important to recognize the smell of propane. If you are unsure about the smell of odorized propane, contact your local Suburban Propane Customer Service Center for a sample.

Detection of Odors: The faint odor of propane may occasionally be present, due to a pilot light outage or a burner left partially open. Information regarding the effectiveness or intensity of odorants is set forth in Section 3 above. If, after checking these items, a smell persists, contact your local Suburban Propane immediately.

Engineering Controls: Provide ventilation in enclosed areas where accumulation of vapors may provide a flammable mixture. Where flammable mixtures may be present, specially designed electrical systems must be used in accordance with NFPA 70 National Electric Code.

Respiratory Protection: For general use no protection is required. Under emergency conditions, during or after release of propane, low lying areas may contain concentrations high enough to warrant supplied-air or self-contained breathing apparatus. Under these conditions, a flammable atmosphere is likely and precautions should be taken to avoid ignition.

Eye Protection: Approved safety glasses should be used whenever filling and handling propane containers.

Protective Clothing: To avoid skin contact with liquid propane, approved gloves that are impervious to propane should be worn along with clothing that will provide protection from liquid propane for the expected duration of exposure.

Other Protective Equipment: Safety Shoes are recommended when handling cylinders.

SECTION 10 - EMERGENCY AND FIRST AID PROCEDURES

Contact with liquid propane can cause freeze burns similar to frostbite. Remove saturated clothing, shoes and jewelry immediately. Affected body parts should be gently flushed with or immersed in lukewarm water for 15 minutes. Seek medical attention.

If respiratory symptoms occur, get victim away from source and into fresh air. If breathing difficulties develop, qualified personnel may administer oxygen. If breathing or heartbeat cease, artificial respiration or cardiopulmonary resuscitation should be started immediately. Contact emergency medical responders at once.

IF YOU SMELL, HEAR OR SEE PROPANE GAS

Immediately follow these procedures:

- Evacuate and get all occupants away from the building.
- As you evacuate: Extinguish all smoking materials and other open flames.
- DO NOT use any electric or electronic devices, operate any light switches, use any telephone or do anything similar that could ignite the gas.
- Call 911 or our local office from a telephone located away from the building where you suspect a gas leak.
- If safe, turn off the supply of Propane at the outdoor tank, unless you believe the gas leak is at the tank.
- Leave the gas off, stay outside, remain away from the building/tank until the suspected gas leak can be investigated.
- A leak test must be performed by a Qualified Technician prior to restoring service and operation of appliances. Contact our local office for assistance.

IF YOUR PILOT LIGHT GOES OUT

If you smell, hear or see gas DO NOT try to light the appliance, however, if you elect to light your own pilot, since propane is heavier than air, sniff around the floor before trying to light the pilot. Read the lighting instructions that came with the appliance. They are typically printed directly on the appliance. The pilot has a safety device. If you have trouble lighting the pilot, or keeping it lit, the safety device may be signaling a problem. Call our local office for assistance.

DO NOT use tools to force any appliance control. If a gas equipment control valve has been exposed to water (from flooding for example) it must be replaced by a Qualified Service Technician. Do not attempt to operate the equipment. Call our local office for assistance.

EOUIPMENT TAMPERING

NO TAMPERING - never tamper with appliances, their controls or any gas equipment. Never force an appliance control valve.

Only a Qualified Service Technician may perform service work, including disconnecting and connecting appliances, tanks and cylinders to propane service. Call our office before gas-fired equipment(such as furnace, water heater, appliance, fireplace unit or accessory) is to be connected, disconnected, replaced or start-up of seasonal equipment.

DO NOT RUN OUT OF GAS

By running out of gas, you create a potential safety hazard and require us to perform a "Pressure Leak Test" before we can fill the tank. Plan ahead, especially if you are a "Will Call' Customer. Suburban is not liable for injury, property damage or any costs resulting from the exhaustion of your propane supply.

EQUIPMENT AWARENESS

Know how to shut off gas supply. Know where a shut off valve exists to your premises. The tank or cylinder valve must be turned in a clockwise direction to stop the flow of gas.

All new appliances purchased from us, such as furnaces, hot water heaters, stoves, fire logs, etc., come with an owner's manual with manufacturer's instructions. Keep and consult these instructions for proper equipment operation and maintenance. Contact the appliance manufacturer for replacement instructions, if needed.

Know where underground gas lines and/or storage tanks are located to avoid damaging them when digging or working on your premises.

In the event of an accidental release or spill out of doors, these actions should be taken: evacuate immediate area. Eliminate all possible sources of ignition including heat, sparks and open flame. Provide maximum ventilation and shut off source(s) of leak if possible to do safely. If cylinder or container is leaking, contact the nearest Suburban Propane supplier or local fire department. Never enter a vapor (white) cloud.

Release without fire: Use a "fogging" hose stream of water to break up and dissipate propane into the atmosphere. Stay uphill and upwind of release at all times.

Release with fire: Apply a direct stream of water to container in order to prevent overheating. Do not attempt to extinguish flame until source of leak is shut off. Water spray or "fog" should be used for adjacent areas and to dissipate liquid propane to atmosphere.

Extinguishing Media: Class B fire-extinguishing media such as Halon, CO₂, or dry chemical can be used. Water spray or fog is appropriate for surrounding areas. Do not extinguish flame until source of gas is shut off. Only those with specialized training should attempt fire fighting. For further information, refer to NPGA "Propane Emergencies" Text #7220.

IF YOU SUSPECT CO

Immediately follow these procedures:

Evacuate, get all occupants to fresh air, and seek medical assistance.

As you evacuate:

- If safe, turn off the appliance suspected of leaking CO and open windows.
- · Call our local office.

CO gas detectors are commercially available that may provide an additional warning about the presence of CO.

SECTION 11 - OTHER INFORMATION

This Material Safety Data Sheet, issued June 2005, was prepared by Safety Services of Suburban Propane and supercedes January 2004.

SECTION 12 - CONTACT INFORMATION

For further information write to:

Suburban Propane, L.P.
Safety Services
240 Route 10 West
P.O. Box 206
Whippany, NJ 07981-0206
Or call: (973) 887-5300

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