

#### GARDEN GROVE FIRE DEPARTMENT ENVIRONMENTAL PROTECTION SECTION

11301 Acacia Parkway Garden Grove, CA 92840

Business: 714 741-5600 Haz Mat: 714 741-5636

#### Hazardous Materials Business Emergency Plan And **Inventory Certification Statement**

Business Name: TIME WARNER CABLE	Telephone: 714 903 4118
Site Address: 7441 CHAPMAN AUE,	Zip Code: <u>984/</u>
The California Health & Safety Code, Division 20, Chapter 6.95, Section the following:	25505(c) and Section 25503.3(c) provide
A business that handles hazardous materials shall review AND cert Emergency Plan (HMBEP) once every three years from the date of Department. A business may comply with the annual chemical invento certification statement to the Garden Grove Fire Department. A business the annual inventory submission requirements of the Emergency Planck (Section 11022, Title 42, United States Code).	acceptance by the Garden Grove Fire ry reporting requirement by submitting a may not utilize this certification to meet
Note: A business may comply with the annual inventory reporting require both of the following apply:	ements using this certification statement if
<ol> <li>The business has previously filed an inventory reporting form and;</li> <li>The business attests to the following:         <ul> <li>The information contained in the annual inventory form most reconcept became the properties of the inventory form most reconcept became the properties of the properties of the inventory form and inventory form.</li> <li>No hazardous material subject to the inventory requirements is be recently submitted annual inventory form.</li> </ul> </li> </ol>	naterial as reported in the most recently
THIS IS TO CERTIFY THAT THE HMBEP AND/OR CHEMICAL I (Please check applicable boxes.)	NVENTORY HAS BEEN REVIEWED.
No changes are required to the HMBEP submitted to the Garden Grov	ve Fire Department.
All the necessary changes/revisions have been made to the HMBEP. certification.	The changes/revisions are attached to this
No changes are required to the chemical inventory that was previous Department.	ously on file with the Garden Grove Fire
All the necessary changes/revisions have been made to the chemic attached to this certification.	cal inventory. The changes/revisions are
AS AN AUTHORIZED REPRESENTATIVE, I CERTIFY UNDER PERSONALLY EXAMINED AND AM FAMILIAR WITH THE BELIEVE THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE	INFORMATION SUBMITTED AND
Print Name Sody WALKER Signatur  Joh Title Exc. aldman. USST. Date	alazor Walker
White Copy – Return to Garden Grove Fire Department  HMBEP certification, doc	Yellow Copy – Retain for Business Records



### **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

DEPARTME	Hazardous Materials Coordinator (714) 741-5636	Date: 4/22/84
	AN AVE RNER COMMUNICATIONS DY WALKER	File No: 312  Phone: 7/4-903-41/8
California Health and Safety Code, S required to return the BEP packet, Garden Grove Fire Department. Haz	Hazardous Materials Disclosure Forms, and all ma	the Business Emergency Plan (BMP) packet. You are terial safety data sheets within fifteen (15) days to the
Miolation(s): •CA Health and Safety Co  Complete Hazardous Materials Disclo  Failure to submit a Business Emerger	n/occupancy revealed the following violation de Chapter 6.95, Article 1 and Title 19, \$2729 of the packet, HSC Chapter 6.95, Title 19 Div 2 Chapter 9.95 (19); CFC 8001.3.2 is in ess Emergency Plan as required [HSC 25505(b) 8.95).	et seq., California Code of Regulations (CCR)
☐ Chemical inventory is incomplete and ☐ The Emergency Response Plan is in [HSC 25504(b)&(c)] ☐ Notification Procedures ☐ Mitigation Procedures ☐ Evacuation Procedures ☐ Employee Training	l/or requires update. [HSC 25509]  nadequate and/or does not address the following is:	sues and shall be immediately revised and resubmitted:
☐ Failure to provide name, title, and 24 ☐ Site Map is incomplete or insufficient. ☐ Failure to report a release or threater ☐ Tailure to report a change in busines. ☐ 100% or more increase in the complete or insufficient. ☐ Change in business address ☐ Change of business name ☐ Other (See comments below):	ned release. [HSC 25507] s or chemical inventory within 30 days of the followin quantity of a disclosed material losed material	g event(s): [HSC 25510]
Provide for secondary containment for Provide spill control for hazardous m	in 10 gallons of flammable liquids (CFC 7902.5) 704, CFC Article 79 §7901.9, Article 80 §8001.7-8)	
Responsible Party:	Walker Re-insp	ection Date:
The above are violations of California Fire Dept. Inspector: 2, MA	law and require immediate correction. Failure	to correct violations is subject to civil penalties.

Date:

Condition Upon Re-inspection:

# 2008 Hazardous Materials Business Plan Update

# Time Warner Cable, Inc. 290 Harbor Drive Stamford, CT 06902

Headend/Call Center (Time Warner Cable Inc.)
(Facility Name / ID)
7441 Chapman Ave.
(Facility Address)
Garden Grove
(Facility City)
Orange County
(Facility County)

POST THIS DOCUMENT ON-SITE SO IT WILL BE AVAILABLE IN THE EVENT OF GOVERNMENT AGENCY INSPECTION, SITE ASSESSMENT OR AUDIT.

# **OLFR**

#### 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

BUSINESS INFORMATION				
FACILITY ID #	BEGINNING DATE 1/01/2008		ENDING DATE 12/31/2008	
BUSINESS NAME Headend/Call Center (Time Warner Cable Inc.)			BUSINESS PHONE 714-903-8375	
SITE ADDRESS 7441 Chapman Ave.				
CITY Garden Grove CA			ZIP CODE 92641	
DUN & BRADSTREET 78-417-4976			SIC CODE 4841	
соинту Orange				
BUSINESS OPERATOR NAME			BUSINESS OPERATOR PHONE	
Time Warner Cable Inc.			714-903-8375	

BUSINESS OWNER			
OWNERNAME Time Warner Cable, Inc.		OWNER PHONE 203-328-0600	
OWNER MAILING ADDRESS 290 Harbor Drive			
CITY Stamford	STATE CT	ZIP CODE 06902	

ENVIRONMENTAL CONTACT			
CONTACT NAME Dale Bowles CONTACT PHONE 714-903-8375			
CONTACT MAILING ADDRESS 7441 Chapman Ave.			
CITY Garden Grove STATE CA ZIP CODE 92641			

PRIMARY	EMERGENCY CONTACTS		SECONDARY
NAME	Dale Bowles	NAME	RNOC
TITLE	Manager, Network Ops.	TITLE	Regional Network Operations Center
BUSINESS PHONE	714-903-8375	BUSINESS PHONE	
24-HOUR PHONE	744 440-0400	24-HOUR PHONE	800 700 0504 0-114
PAGER / CELL		PAGER / CELL	

ADDITIONAL LOCALLY COLLECTED INFORMATION			
DESCRIBE THE TYPE OF BUSINESS OPERATION		TOTAL # OF EMPLOYEES	
Telecommunications			
BILLING ADDRESS (IF DIFFERENT FROM ABOVE)		ATTENTION	
PROPERTY OWNER NAME		PHONE	
Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.			
SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTAT	IVE	DATE	
1 / neidle		2/19/08	
NAME OF SIGNER (print)	NAME OF DOCUMENT PREPARE	R (print)	
Matthew Smith	Matthew Smith		
TITLE OF SIGNER	TITLE OF DOCUMENT PREPARE	R	
Staff I Engineer, LFR Inc.	Staff I Engineer, LFR Inc.		

# 2007 Hazardous Materials Business Plan

### Time Warner Cable, Inc. 290 Harbor Drive Stamford, CT 06902

Office/HE/Store (Time Warner Cable, Inc.)		
	(Facility Name / ID)	
	7441 Chapman Ave.	
	(Facility Address)	
	Garden Grove	
	(Facility City)	
	Orange County	
	(Facility County)	

POST THIS DOCUMENT ON-SITE SO IT WILL BE AVAILABLE IN THE EVENT OF GOVERNMENT AGENCY INSPECTION, SITE ASSESSMENT OR AUDIT.

**OLFR** 

### 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 1 of 10

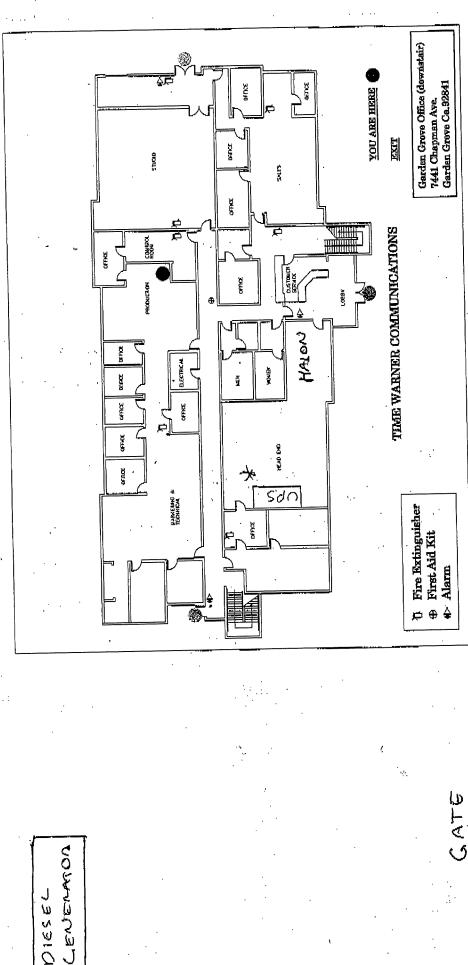
BUSINESS INFORMATION				
FACILITY ID #	BEGINNING DATE 1/01/2	2007	ENDING DATE 12/31/2007	
BUSINESS NAME Office/HE/Store (Time Warner Cable, Inc.)		BUSINESS PHONE 714-903-8353		
SITE ADDRESS 7441 Chapman Ave.				
CITY Garden Grove		CA	ZIP CODE 92641	
DUN & BRADSTREET 78-417-4976			sic code 4841	
county Orange				
			BUSINESS OPERATOR PHONE	
BUSINESS OPERATOR NAME Time Warner Cable, Inc.			714-903-8353	

BUSINESS OWNER			
OWNERNAME Time Warner Cable, Inc.		OWNER PHONE 203-328-0600	
OWNER MAILING ADDRESS 290 Harbor Drive			
city Stamford	STATE CT	ZIP CODE 06902	

ENVIRONMENTAL CONTACT			
CONTACT NAME Charles Barrett		CONTACT PHONE 805-526-3715	
CONTACT MAILING ADDRESS 485 Easy Street			
cıtv Simi Valley	STATE CA	ZIP CODE 90230	

PRIMARY	EMERGE	SECONDARY		
NAME	Dale Bowles	NAME	RNOC	
TITLE	Manager, Network Ops.	TITLE	Regional Network Operations Center	
BUSINESS PHONE	714-903-8375	BUSINESS PHONE		
24-HOUR PHONE	7	24-HOUR PHONE	800 700 2521 Option 1	
PAGER / CELL		PAGER / CELL		

ADDITIONAL LOCALLY	COLLECTED INFORMATI	ON	
DESCRIBE THE TYPE OF BUSINESS OPERATION		TOTAL # OF EMPLOYEES	
Telecommunications			
BILLING ADDRESS (IF DIFFERENT FROM ABOVE)		ATTENTION	
PROPERTY OWNER NAME		PHONE	
Certification: Based on my inquiry of those individuals respons have personally examined and am familiar with the information SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTED.	submitted and believe the informat	ion is true, accurate, and complete.  DATE  3/28/07	
NAME OF SIGNER (print)		RER (print)	
Matthew Smith Matthew Smith			
TITLE OF SIGNER	TITLE OF DOCUMENT PREPAI		
Staff I Engineer, LFR Inc.	Staff I Engineer, LFR Inc.		



アストゴック

<del>--</del>---

:MA00:40:70-22-80

91 /7 #

### HAZARDOUS MATERIALS INVENTORY FORM

⊠add		ELETE	REVISE	2	2007									Page	of
				I. FAC	ILITY	INFOR	MATION								
BUSINESS NAME (Same as Officer/HE/Store (T	FACILITY NAME ime Warner	or DBA - Doing Busi Cable, Inc.)	ness As)												3
CHEMICAL LOCATION (Wh Within generator ur	ere chemical is loo nit	cated, e.g. southwes	corner of wa	rehouse)						201	CHEMICA CONFIDE EPCRA	AL LOCATION ENTIAL -	NC	☐ Yes 🛛 I	√o 202
OFFICIAL USE ONLY			1	MAP#				203	GRID#						204
				II. CHE	MICA	L INFO	RMATION								
CHEMICAL NAME Petroleum Hydroc	arbon									205	TRADE If Su			Yes No	
common name Diesel Fuel #2								···		207	EHS*	a"Voo" oll	amaun	Yes N	
CAS # 68476-34-6		209		e hazard Istible Li		(See green	page 25)			210	reported	in their ph	ysical s	state as well as	pounds
TYPE (Check one item onl	ly) ⊠ a. PU	RE 🗌 b. MIXTU	RE 🗌 c. W	/ASTE	211		RADIOACTIVE	≣ 🗆 Y•	es 🛛 No		2	12 CL	JRIES		213
PHYSICAL STATE (Check one item only)	a. SO	LID 🛛 b. LIQUID	☐ c. GA	AS 214		HAZARD EGORIES	⊠ a. FIRE ⊠ d. ACUTE		b. REACT		_	SSURE RE			216
AVERAGE DAILY 100	00	MAXIMUM AMOUNT 100		-MAX AMT. OUNDS	- 2	218 ANI AM	NUAL WASTE	N/	<b>\</b>	219	STATE	WASTE CO	DE	NA	220
UNITS*	ONS Db. CUB	IC FEET 221		CONTAINER				215	# of DA 365	YS ON SI	TE				222
STORAGE CONTAINER (Check all that apply)	☐ b. UNDEF	EGROUND TANK RGROUND TANK JURIZED TANK ZINE	g. MET	ACHINERY		k. BAG l. BOX m. CY n. GL o. VA	( LINDER ASS CONTAINEF	₹		o. RAIL C q. SILO r. TANK I s. CARBO	NSIDE DY			TANK WAGOI OTHER:	N 223
STORAGE PRESSURE		∑ a. AMBIENT		□ b.	ABOVE A	MBIENT	c.	. BELO	W AMBIEN	Т					224
STORAGE TEMPERATUR	RE	∑a. AMBIENT		☐ b.	ABOVE A	MBIENT	☐ c.	. BELO	W AMBIEN	Т		d. CRYOG	ENIC		225
%WT		HAZARDO	US COMP	ONENT (	For mixtur	e or waste o	nly)			EHS			С	AS#	
1 100.0 226	Diesel Fue	el No. 2						22	7 🗆 Y	es 🛭 No	228	58476-3	4-6		229
2 230								23	1	es 🗌 N	lo 232				233
3 234								23	5 🗆 Y	es 🗌 No	236				237
4 238								23	9 🗆 Y	es 🗌 N	0 240				241
5 242								24		es 🗌 N					245
If more hazardous comp	onents are prese	nt at greater than 1	% by weight	if non-carci	nogenic, o	or 0.1% by	weight if carcino	ogenic,	attach ado	litional sl	neets of pa	per captur	ing the	required info	mation.
				PLAC	<b>ARDIN</b>	IG INFO	ORMATIO	N							********
UNDOT#	R	efer to shippir	ıg papers	or MSD	S										
DOT HAZARD	CLASS	Refer to	shipping	papers o	r MSD	S									
EPCRA 🗆	YES □N	10									DIEC	OF CY	nan ne ar r	ICAT	
X		If EPCRA, Plea	ise Sign H	lere	,,,,,		MA	KE A	S MAI NVENT	NY CO ORY F	OPIES FORM A	OF CH AS NEE	EMI DED	CAL	

#### HAZARDOUS MATERIALS INVENTORY FORM

⊠add	☐ DELETE	REVISE 200	7				Page 7 of
		I. FACIL	ITY INFOR	MATION			
BUSINESS NAME (Same as Officer/HE/Store (T	FACILITY NAME or DBA - Doing Busi ime Warner Cable, Inc.)	ness As)					3
CHEMICAL LOCATION (Wh Within battery units	ere chemical is located, e.g. southwes	t corner of warehouse)			201	CHEMICAL LOCATION CONFIDENTIAL - EPCRA	Yes No 202
OFFICIAL USE ONLY		1 MAP#		203	GRID#		204
		II. CHEM	ICAL INFOR	RMATION			
CHEMICAL NAME Sulfuric Acid					205	TRADE SECRET  If Subject to EPCRA	Yes No 206
COMMON NAME					207	EHS*	⊠ Yes □No 208
Battery Electrolyte cas # 7664-93-9	209	FIRE CODE HAZARD CLA Corrosive Liquid		page 25)	210	*If EHS is Yes", all amou reported in their physica	ints below must be I state as well as pounds
TYPE (Check one item onl	y) 🔲 a. PURE 🛚 b. MIXTUF		211	RADIOACTIVE Y	es 🛛 No	212 CURIE	S 213
PHYSICAL STATE (Check one ilem only)	a. SOLID 🛮 b. LIQUID	☐ c. GAS 214	FED HAZARD CATEGORIES	□a. FIRE ☑ I ☑ d. ACUTE HEALT		☐ c. PRESSURE RELEAS ☑ e. CHRONIC HEALTH	SE 216
AVERAGE DAILY 576	MAXIMUM AMOUNT 576	EHS-MAX AMT. IN POUNDS 576	218 ANN AMC	DUAL WASTE NA	219 V	STATE WASTE CODE	NA 220
UNITS*	DNS ☐ b. CUBIC FEET 221 DS ☐ d. TONS	LARGEST CONTAINER 14.4		215	# of DAYS ON SI	ΓE	222
STORAGE CONTAINER (Check all that apply)	a. ABOVEGROUND TANK b. UNDERGROUND TANK c. PRESSURIZED TANK d. MAGAZINE e. DRUM	☐ f. PLASTIC CONTAINE ☐ g. METAL CONTAINE ☐ h. VAT ☐ i. IN MACHINERY ☐ j. ON TRUCK	R BOX . m. CYL	INDER SS CONTAINER	p. RAIL C. q. SILO r. TANK IT s. CARBO l. TOTE B	NSIDE With	u. TANK WAGON 223 v. OTHER: in batteries
STORAGE PRESSURE	🛛 a. AMBIENT	☐ b. ABG	OVE AMBIENT	☐ c. BELOV	V AMBIENT		224
STORAGE TEMPERATUR	E ⊠ a. AMBIENT	☐ b. ABo	OVE AMBIENT	☐ c. BELOV	V AMBIENT	d. CRYOGENIC	225
%WT	HAZARDO	US COMPONENT (For	mixture or waste on	ly)	EHS		CAS#
1 30.0 226	Sulfuric Acid			227	⊠ Yes □ No	7664-93-9	229
2 70.0 230	Water			231	☐ Yes 🖾 N	7732-18-5	233
3 234				235	Yes No	236	237
4 238				239	Yes No	240	241
5 242	_			243			245
If more hazardous compo	onents are present at greater than 19	% by weight if non-carcinog	enic, or 0.1% by we	eight if carcinogenic, a	ttach additional sh	eets of paper capturing th	e required information.
		PLACAR	DING INFO	RMATION		.4	
UNDOT# _ DOT HAZARD	CLASS	g papers or MSDS shipping papers or M	1SDS				
EPCRA 🗆	YES NO						
X	If EPCRA, Plea	se Sign Here				PIES OF CHEM ORM AS NEEDED	

### HAZARDOUS MATERIALS INVENTORY FORM

⊠ADD	☐ DELETE	REVISE 20	007				Page <b>5</b> of
		I. FACI	LITY INFOR	MATION			
	FACILITY NAME or DBA - Doing Busi ime Warner Cable, Inc.)						3
CHEMICAL LOCATION (WE Within battery units	ere chemical is located, e.g. southwes S	corner of warehouse)			201	CHEMICAL LOCATION CONFIDENTIAL - EPCRA	☐ Yes ☒ No 202
OFFICIAL USE ONLY		1 MAP #		203	GRID#		204
		II. CHEN	MICAL INFO	RMATION			
CHEMICAL NAME Lead					205	TRADE SECRET  If Subject to EPCRA,	Yes No 206
common NAME Battery Electrode					207	EHS*	Yes No 208
CAS # 7439-92-1	209	FIRE CODE HAZARD C	LASSES (See green	page 25)	210	*If EHS is"Yes", all amour reported in their physical	
TYPE (Check one item on	y) 🛛 a. PURE 🗌 b. MIXTUF		211	RADIOACTIVE Y	es 🛛 No	212 CURIES	3 213
PHYSICAL STATE (Check one item only)	⊠a. SOLID ☐ b. LIQUID	C. GAS 214	FED HAZARD CATEGORIES	□a. FIRE □ t		c. PRESSURE RELEAS	E 216
AVERAGE DAILY 2,6	24 217 MAXIMUM AMOUNT 2,62	EHS-MAX AMT. IN POUNDS		UAL WASTE NA OUNT	219	STATE WASTE CODE	NA <sup>220</sup>
UNITS* ☐ a. GALL ☐ c. POUN	ONS D. CUBIC FEET 221	LARGEST CONTAINER 65.6		215	# of DAYS ON SIT 365	ΓE	222
STORAGE CONTAINER (Check all that apply)	a. ABOVEGROUND TANK b. UNDERGROUND TANK c. PRESSURIZED TANK d. MAGAZINE e. DRUM	☐ f. PLASTIC CONTAIN☐ g. METAL CONTAIN☐ h. VAT☐ i. IN MACHINERY☐ j. ON TRUCK	ER BOX m. CYL	INDER SS CONTAINER	p. RAIL Cr	ISIDE Y Within	n. TANK WAGON 223 n. OTHER: n. batteries
STORAGE PRESSURE	🛛 a. AMBIENT	☐ b. A	BOVE AMBIENT	☐ c. BELOV	V AMBIENT		224
STORAGE TEMPERATUR	RE 🛛 a. AMBIENT	☐ b. A	BOVE AMBIENT	☐ c. BELOV	V AMBIENT	d. CRYOGENIC	225
%WT	HAZARDO	JS COMPONENT (Fo	or mixture or waste or	ly)	EHS	C	CAS#
1 100.0 226	Lead			227	☐ Yes ☒ N	228 7439-92-1	229
2 230			, , , , , , , , , , , , , , , , , , ,	231	Yes N	232	233
3 234				235	Yes No	236	237
4 238				239	Yes No	240	241
5 242				243			245
If more hazardous compe	onents are present at greater than 1%				ttach additional she	ets of paper capturing the	e required information.
		PLACAI	RDING INFO	RMATION			190- 000 knoo
UNDOT# _ DOT HAZARD	CLASS	g papers or MSDS					
EPCRA 🗆	YES NO						
X	If EPCRA, Plea.	se Sign Here				PIES OF CHEMI DRM AS NEEDED	[CAL

#### CUPA BUSINESS ACTIVITIES

Page 6 of 10

I. FACILITY IDE	NTIFICATION					
FACILITY ID # 1	EPA ID # (Hazardous Waste Only)	2				
BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Business As)	Office/HE/Store (Time Warner Cable, Inc.)	3				
II. ACTIVITIES I	DECLARATION					
NOTE: If you check YES to any part of this list, Please submit the Business Owner/Operator Identification page						
Does your facility	If Yes, please complete these pages of the Unified Program Consolidated Form					
A. HAZARDOUS MATERIALS  Have onsite (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (at standard temperature and pressure); or the 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 to10 CFR Parts 30, 40 or 70?	XYES □NO 4	!M				
B. UNDERGROUND STORAGE TANKS (USTs)  1. Own or operate underground storage tanks?	NO FIRE DEPT FORM REQUIRED FOR EXISTING TANKS BUT AN ANNUAL UST PERMIT IS REQUIRED CONTACT OCCUPA (714) 667-3600					
Intend to upgrade existing or install new USTs?  Need to report closing a UST?	FIRE CODE PERMIT APPLICATION FORM #FD114 CONTACT OCCUPA (714) 667-3600 FIRE CODE PERMIT APPLICATION FORM #FD114 CONTACT OCCUPA (714) 667-3600					
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)  Own or operate ASTs above these thresholds:any tank capacity is greater than 660 gallons, orthe total capacity for the facility is greater than 1,320 gallons?	■YES XNO 8 NO FIRE DEPT FORM REQUIRED FOR EXISTING TANKS BUT AN ANNUAL AST PERMIT IS REQUIRED CONTACT OCCUPA (714) 667-3600					
D. HAZARDOUS WASTE     Generate hazardous waste at or above quantities in Section A?     Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	E YES XNO 9   HAZARDOUS MATERIAL INVENTORY FORM CONTACT OCCUPA (714) 667-3600  NO FORM REQUIRED TO THE CITY OF HUNTINGTON BEACH FIRE DEPARTMENT CONTACT OCCUPA (714) 667-3600	1				
<ul><li>3. Treat hazardous waste onsite?</li><li>4. Consolidate hazardous waste generated at a remote site?</li></ul>	YES XNO 11  ✓ NO FORM REQUIRED TO THE CITY OF HUNTINGTON BEACH FIRE DEPARTMENT CONTACT OCCUPA (714) 667-3600  NO FORM REQUIRED TO THE CITY OF HUNTINGTON BEACH FIRE DEPARTMENT CONTACT OCCUPA (714) 667-3600					
Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	NO FORM REQUIRED TO THE CITY OF HUNTINGTON BEACH FIRE DEPARTMENT CONTACT OCCUPA (714) 667-3600					
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	LYES XNO 14   ✓ NO FORM REQUIRED TO THE CITY OF HUNTINGTON BEACH FIRE DEPARTMENT CONTACT OCCUPA (714) 667-3600					
E. LOCAL REQUIREMENTS  Cal-ARP: California Accidental Release Prevention Program  H&SC Chapter 6.95, Article 2, §25531 et seq Stationary Source with more than a Threshold Quantity of a Regulated	EYES XNO 15   ✓ REGULATED SUBSTANCE REPORTING FORM (Orange County CUPA)					

#### **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.).
  - Emergency Coordinators will notify facility employees of an emergency verbally or by telephone, intercom, portable radio, public address system or alarm system.
- 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:

Refer to Site Plan.

#### 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.
- 6. Activate any emergency mitigation procedures that are available at your business. (List below any mitigation procedures specific to your business, if any.)

Small Spill: Chemicals will be picked up with absorbent materials by trained employees using proper protective clothing and safety equipment. Waste will be placed in a labeled waste drum compatible with the material it is holding.

Large Spill: Employees will notify the fire department. Time Warner employees are instructed not to handle any large-scale hazardous material release. They will call 911, evacuate to the staging area, and wait for emergency personnel to respond.

#### **BUSINESS EMERGENCY PLAN**

#### Personnel Emergency Notifications and Responsibilities (Continued)

#### 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 area).
- 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 scenarios.

#### **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

#### **BUSINESS EMERGENCY PLAN**

Personnel Emergency Notifications and Responsibilities (Continued)

#### **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 or storage.

#### Consideration shall include:

1.	Drum st	orage 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.	Compre	ssed and/or cryogenic gas storage areas: Not Applicable
	a.	Cylinder 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
	<u>√</u> 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.).
	√ f.	Posting of "No Smoking" signs where appropriate

#### **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 (CFC 8001.3.2) to retain a copy of this entire Hazardous Materials Disclosure information, including the 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.

Copies of this plan, training records, and all other applicable documentation are maintained in the facility office as well as in the Time Warner regional office.

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.

Name: Matthew Smith

Title: Staff I Engineer, LFR Inc.

Date: 3/28/2007



March 30, 2007

010-01418-00

City of Garden Grove Fire Department 11301 Acacia Parkway Garden Grove, California 92842

Subject: Time Warner Cable HMBPs

As required by California Health and Safety Code (HSC) Chapter 6.95, Article 1, Sections 25500 -25520, enclosed are two new Hazardous Material Business Plans (HMBPs) for existing Time Warner Cable (TWC) facilities located in Garden Grove. The facility locations are summarized on the attached table.

LFR Inc. (LFR) has completed these documents on behalf of TWC. Please note that the enclosed plans cover the reporting period of January 1, 2007 through December 31, 2007.

If you have any questions, please do not hesitate to call us at 714-444-0111.

Sincerely,

Matthew Smith

Staff I Engineer

Peter L. Rosen, P.E.

Senior Associate Engineer

Attachments: HMBP Facility Summary Table

2 New HMBPs

Cc:

Charlie Barrett, TWC

Mark Boone, TWC

www.lfr.com



# Time Warner Cable Summary of Huntington Beach Fire Department HMBP Submissions March 30, 2007

Facility Name	Facility Address	City	State	Zip Code
	New HMBPs			
Hub Site	13252 Century Blvd	Garden Grove	CA	92843
Office/headend/store	7441 Chapman Ave	Garden Grove	CA	92641



### 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 \_\_ 3

	BUSINESS IN	NFORMAT	ION			
3 0 0 3 5		BEGINNING		1	ENDING DATE  12/3/05  BUSINESS PHONE	2
BUSINESS NAME TIME WARNER CAE	3LE	<b>,</b>		4	BUSINESS PHONE 1714-903 8 318	5
BUSINESS SITE ADDRESS 7441 Chapman AVE						6
GARDEN GROVE			7	STATE 8	92841	9
DUN & BRADSTREET		10 SIC C	ODE (4 DIGIT #	) 11	FIRE DISTRICT	12
COUNTY ORANGE						13
BUSINESS OPERATOR NAME DALE BOWLES			14	OPERATOR	S PHONE 03-8375	15
e productivi de la companya de la c	BUSINES	SOWNER	-	Andrew Control of the second s	and a second of the second of	. 11.12=2
OWNERNAME TIME WARNER CALL				16	OWNER PHONE 1714-903 8318	17
OWNER MAILING ADDRESS 7441 Chapman AVE						18
GARDEN Grove CA.			19	STATE 20	ZIP 92841	21
	ENVIRONMEN	TAL CON	TACT			
CONTACT NAME  William Humphry				22	CONTACT PHONE 7/4-903-83/8	23
7441 Chapman AVZ						24
Garden Grove			25	STATE 26	21P 92841	27
PRIMARY	EMERGENCY	CONTAC	TS	SECO	NDARY	
William Humphry	28	NAME DAU	E Bou	des		33
SECURITY & SAFETY MO	19 CER	TITLE	tem En		. :	34
7/4-903-83/8	30	BUSINESS PI	HONE 903 -	8375	5	35
24 UP DUOVE	31	2				36
323-221-1287	32	PAGER #				37
	LOCALLYCO	LLECTE	) INFORM	ATION		
DESCRIBE THE TYPE OF BUSINESS OPERATION:			7.	38	TOTAL # OF EMPLOYEES	39
BILLING ADDRESS (IF DIFFERENT FROM ABOVE)		-		40	ATTENTION	41
PROPERTY OWNER NAME 42	ADDRESS			43	PHONE	44
Certification: Based on my inquiry of those indi- have personally examined and am familiar with the	viduals responsible information subm	e for obtaini	ing the infor	mation, 1 ce	rtify under penalty of law	that I
SIGNATURE OF OWNER/OPERATOR OR OF SIGNATED REPR	RESENTATIVE			45	DATE /2/5/05	46
NAME OF SIGNER (print) A Humphry	47	NAME OF DOC	CUMENT PREP	ARER (print)	7700	49
TITLE OF SIGNER SECURITY & SOFETY MONDES.	Q 48	TITLE OF DOC	UMENT PREPA	RER /	1650	50
haz-mll-bus,doc 3-13-02	<u> </u>	-3000011	, 7.9LE (.	7 // 1000	400	

#### 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.

#### 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.)

### Fire ALArm-

- 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.

The Parking LOT North OF 7441 Chapman - (Shared by 11861 WESTERN AVE).

#### 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.)

#### 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	911 (800) 852-7550 OR (916) 427-4341 (800) 424-8802

#### 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.

#### Consideration shall include:

].	Drum	storage and/or above ground tank storage areas:
	a <u>//</u>	Isolation and separation of incompatible materials
	b_1/	Diking areas to contain spills
	c	Storage on paved ground
2.	Compr	essed 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.	Genera	al:
	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_ <u>V</u>	Labeling of all materials and storage areas with the product name and hazards associated with the product (drums, piping, tanks, etc.)
	e_ <u>V</u>	Uniform Fire Code (UFC) requires separation between outside hazardous material storage area or tanks and combustible materials (wood, bush, etc.)
	r_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.

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.

SIGNATURE:

NAME:

TITLE:

SECURITY RAFETY

DATE: 12/A

7441 Chapmad ST. Science 0 876 Under Governord IN TANK (ABOVE Ground) 1.0x ) 3x0.10 Sewer KTOR -1,800 GAL

CHAPMAN ST.

NAME OF MUDIVIDUAL BS 517E! DALE BOWLES-BUS. 714-903-8735 \* - SITE Where mothers is Localed



F5-4308 (1/04)

# Hazardous Material Disclosure

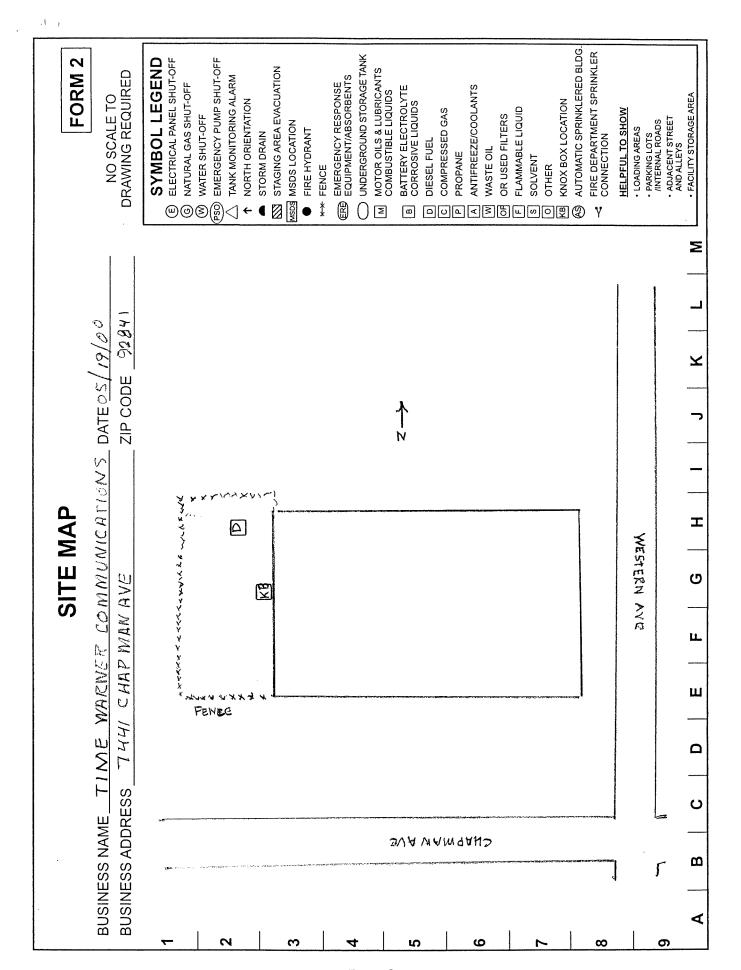
Business Information / Chemical Inventory / Business Emergency Plan

### 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



TA.	(714) 741-3630	Date: 12-1-05
Address: 1442 CHAPMALL		File No:
Occupant or DBA: Time Warren	n Cabup	
Occupant of DBA:	ISHIEZ	Phone: 714 - 903 - 8318
California Health and Safety code, section packet. You are required to return the B sheets within fifteen (15) days to the Garantees.	II P nacket Hazardous W	to properly complete the Business Emergency Plan(BMP) aterials Disclosure Forms, and all material safety data ent. HazMat Coord. (714) 741-5636
An inspection at the above location/occup	pancy revealed the fo	ollowing violation(s):
Violations(s): CA Health sn Safety Code Chapter	6.95, Article 1 and Title	19, §2729 et seq, California Code of Requlations (CCR)
Complete Hazardous Materials Disclosur Failure to submit a Business Emergency Failure to review and/ or revise the Business	/ Plan. [HSC 25505(a)(1)	6.95, Title 19 Div 2 Chapter 3, CFC 8001.3.2 ], CFC 8001.3.2 required [HSC 25505(b)&(c)]
Violations(s): California Fire Code 2001, Articles	s 79 & 80, Title 19 Part 9	, California Code of Regulations(CCR).
Provide for secondary containment for head of the Provide spill control for hazardous mater Provide approved cabinet if more than 1 Provide placarding and signs (NFPA 70 No Violations Found  Additional Violations and/ or Notes:	erials liquids (CFC 8003. 10 gallons of flammable l	iquids (CFC 7902.5)
Responsible party M. H. Hun	Re-	inspection date: 12-15-05
The above are violations of California law and penalties.	require immediate corre	ection. Failure to correct violations is subject to civil
Fire Dept. Inspector: CART Power	I	D#: 6954
Condition upon re-inspection: Cont	File INFO	t DECIVES Date:
		4 Lune



Page 8

CAL		RNIA CHEMICAL INVENTORY FORM - DESC	CRIPTION PAGE	F 3)
BUSINESS NAME CHEMICAL LOCATION (Address, Area, Building, etc.) MAP # (if more than one	(-)	TIME WARNER COMMUNICATION 7441 CHAPMAN AVE  GRID# (7) G2	NS	
CHEMICAL NAME	(8)	DIESEL FUEL NO.Z	TRADE SECRET (11)	□Y ØN
COMMON NAME	(9)		AHM / *EHS (12)	□Y <b>⊠</b> N
CAS#	(10)	68476-34-6	*IF EHS BO ALL AMOUNTS M	OX IS "Y" IUST BE IN LBS
FIRE CODE HAZARD CLASSES*	(13)	CIL		
TYPE PHYSICAL STATE	(14) (17)	*COMPLETE BLOCK (13) IF REQUESTED BY THE LOCAL FIRE  □ PURE □ MIXTURE □ WASTE CHECK IF RADIOAC  □ SOLID ☑ LIQUID □ GAS		
FED HAZARD CATEGORIES	(18)	☑ FIRE ☐ REACTIVE ☐ PRESSURE RELEASE ☐ ACU	JTE HEALTH 🔲 CHI	RONIC HEALTH
STATE WASTE CODE	(19)	UNITS (22) GAL CUFT LBS TONS	MAX DAILYAMT	(23) 280
DAYS ON SITE LARGEST	20)	365 *If EHS, amounts must be in lbs.	AVG DAILY AMT	(24) 280
CONTAINER	(21)		ANNUAL WASTE AMT	(25)
STORAGE CONTAINER	(26)	☐ TANK INSIDE BUILDING ☐ SILO ☐ GLA ☐ STEEL DRUM ☐ FIBER DRUM ☐ PLA	LINDER C ASS CONTAINER	] TANK WAGON ] RAIL CAR ] Other
PRESSURE STORAGE	(27)	☑ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT		
STORAGE TEMPERATURE	(28)	☑ AMBIENT ☐ ABOVE AMBIENT ☐ BELOW AMBIENT ☐	CRYOGENIC	
(29) % WT	,	(30) HAZARDOUS COMPONENTS	(31) EHS/AHM (3	2) CAS #
1.			□Y □N	
2.			ПХ ПИ	
3.			OY ON	
	(33)	ADDITIONAL LOCALLY COLLECTED INFORM COMPLETE BLOCK (33) IF REQUESTED BY THE LOCAL FIRE	ATION CHIEF - REFER TO I	NSTRUCTIONS.
NFPA CLASSIFICATION	1	NFPA 70	04 HAZARD DIAMON FIRE RED	D
UN/DOT#		ipping papers or MSDS	2 2	
DOT HAZARD CLASS _		r to shipping papers or MSDS  HEALTH →   BLUE	(RED) RELIGION	EACTIVE YELLOW

MAKE AS MANY COPIES OF CHEMICAL INVENTORY FORM AS NEEDED

UFC HAZARD CLASS \_

WHITE OXXV

SPECIAL 7
HAZARD

# MATERIAL SAFETY DATA SHEET

MSDS No. APPC173 VER. 6



### LOW SULFUR DIESEL NO. 2

Rev. Date 11/15/1994

ARCO PRODUCTS COMPANY DIVISION OF ATLANTIC RICHFIELD COMPANY 1055 WEST SEVENTH STREET LOS ANGELES, CALIFORNIA 90051

IMPORTANT:

Read this MSDS before handling and disposing of this product and pass this information on to employees,

customers, and users of this product.

		ERAL
Material Identity	LOW SULFUR DIESEL NO. 2	
Trade Name(s)	ARCO LOW SULFUR (EPA) DIESEL #2 LOW SULFUR DIESEL NO. 2; ARCO CA	LIFORNIA (CARB) DIESEL #2
Other Name(s)	ON-ROAD DIESEL #2, LOW SULFUR OF	
Chemical Description		OLEUM HOURD THIS IS A COMPLEY (OF TO SEE
CAS Number	68476-34-6	
US DOT Description	(Proper Shipping Name, Hazard Class, ID no, Pack DIESEL FUEL,3,NA1993,PG III	ing Group, any Add'i Description)
Telephone Numbers	EMERGENCY 213 222-3212 LA POISON 800 424-9300 CHEMTREC	CUSTOMER SERVICE 800 322-2726 INFO ONLY

# Immediate Hazards

COMBUSTIBLE! OSHA/NFPA Class-II or IIIA combustible liquid. Keep away from heat, sparks and open flame. Avoid the "switch loading" hazard (See Section 10).

Contains petroleum distillates! If swallowed, do not induce vomiting since aspiration into the lungs will cause chemical pneumonia. Obtain prompt medical attention.

May cause irritation of more serious skin disorders! May be harmful if inhaled! (See Sections 5 and 6) Avoid prolonged or repeated liquid, mist and vapor contact with eyes, skin and respiratory tract. Long term tests show that similar petroleum distillates have produced kidney damage and skin tumors on laboratory animals. Wash hands thoroughly after handling.

Respiratory irritation and reversible pulmonary effects are associated with exposure to diesel exhaust.

# Components & Exposures

GIH _V	OSHA PEL	992 Exposure Va ARCO EL	units	Туре	*********
0				- 7.5 -	
·P	NAP	NAP			
)	100	N/AP	ppm	TWA	
	)		) 100 N/AP <sup>2</sup> See Abbreviations on last page	ppm ppm	PPM IWA

Print Date: 11/16/94

<sup>\*\*\*</sup> FOR "DISCI AIMER OF LIABIT TOT OF

Flash Point (	Method)	Fire and Explosion	
1	TO 150°F (D-93)	Autoignition Temperature (Method)	
See *Fire and Explosion		AP 495°F (E-659)  Based on NFPA *Fuel Oil No. 2*	Lower AP 0.6
Fire and		<u>'</u>	Upper AP 7.5 Based on NFPA "Fuel Oil No. 1/Gas Oil"
Explosion	exposed to an ignition	hen heated above the flash point, this ma on source, can burn in the open or be expl	terial will release flammable vanors which
Hazards	may be flammable a Section 10.	on source, can burn in the open or be expl at temperatures below the normal flash poi	osive in confined spaces. Mists or sprays nt. For "switch loading" procedures, see
Extinguishing			NFPA Hazard Rating: Hooms
Media	Dry chemical Halon		4 - Fytreme
	Carbon dioxide		3 - High
	Water and water foo	may be used to cool the fire, but may	2 - Moderate Reactivity =
	not extinguish the fin	9.	1 - Slight Special = .
Special	For fires involving thi	s material, do not enter any enclosed or co	0 - Insignificant
Firefighting Procedures	equipment. This may combustion products	y include self-contained breathing apparate and oxygen deficiencies. Cool tanks and	ontined tire space without proper protectives to protect against the hazardous effect
		and oxygen deficiencies. Cool tanks and	containers exposed to fire with water.
5.		Health Hazards	
Summary of Acute Health Hazards	Contact with liquid, managed cause chemical pneu	nist, or vapor can irritate skin and respirato monia.	ry tract. Aspiration into the lungs may
Routes of Expo	sure	Signs and Symptoms	
Inhalation		this material, at concentrations greater than cause irritation of the pose, threat and the	Primary Route
	the recommended exp activities due to the slo	n cause irritation of the nose, throat, and lu atigue, nausea and labored breathing. Airt posure limits are not anticipated during non low evaporation of this material at ambient	ome concentrations above
Eye Contact	Not expected to cause	prolonged or significant eye irritation.	
Skin Contact	Moderate skin irritation	may occur upon short term exposure.	
Ingestion	May cause irritation of	the mouth, throat, and gastrointestinal trac	
		restlessness. May assirointestinal trac	t leading to nausea,
	coordination fatigue a		ness, arowsiness, loss of
	occidination, langue, it	restlessness. May cause headache, dizzi ausea and labored breathing.	
Summary of		ausea and labored breathing.	
Chronic	Personnel with pre-exis	ausea and labored breathing.	·
Chronic Hazards and	Personnel with pre-exis	ausea and labored breathing.  sting central nervous system disease, skin an appropriate health professional before	disorders or chronic respiratory diseases exposure to this material
Chronic Hazards and Special Health	Personnel with pre-exis should be evaluated by Prolonged/repeated ski	ausea and labored breathing.  sting central nervous system disease, skin an appropriate health professional before	disorders or chronic respiratory diseases exposure to this material
Chronic Hazards and Special Health	Personnel with pre-exis should be evaluated by Prolonged/repeated ski	ausea and labored breathing.	disorders or chronic respiratory diseases exposure to this material
Chronic Hazards and Special Health Effects	Personnel with pre-exis should be evaluated by Prolonged/repeated ski systemic effects. Avoid	ausea and labored breathing.  sting central nervous system disease, skin an appropriate health professional before nexposure, inhalation or ingestion of this reprolonged or repeated exposure.	disorders or chronic respiratory diseases exposure to this material.  naterial may result in adverse dermal or
Chronic Hazards and Special Health Effects	Personnel with pre-exis should be evaluated by Prolonged/repeated ski systemic effects. Avoid Protective Eq. A NIOSH/MSHA-approximation of the protective Eq. A NIOSH/MSHA-approximation of the protective Eq. (2015).	ausea and labored breathing.  sting central nervous system disease, skin an appropriate health professional before n exposure, inhalation or ingestion of this reprolonged or repeated exposure.	disorders or chronic respiratory diseases exposure to this material.  naterial may result in adverse dermal or Measures
Chronic Hazards and Special Health Effects	Personnel with pre-exis should be evaluated by Prolonged/repeated ski systemic effects. Avoid Protective Eq. A NIOSH/MSHA-approved certain circumstances with the should be approved to the state of the should be approved to the	ausea and labored breathing.  sting central nervous system disease, skin an appropriate health professional before nexposure, inhalation or ingestion of this reprolonged or repeated exposure.  uipment and Other Control and other control are air-purifying respirator with an organic with a organic with an organic with a organic	disorders or chronic respiratory diseases exposure to this material.  naterial may result in adverse dermal or  Measures  vapor cartridge may be permissible under
Chronic Hazards and Special Health Effects	Personnel with pre-exis should be evaluated by Prolonged/repeated ski systemic effects. Avoid Protective Eq.  A NIOSH/MSHA-approventain circumstances wonder. The protection prespirator if there is any	ausea and labored breathing.  sting central nervous system disease, skin an appropriate health professional before nexposure, inhalation or ingestion of this reprolonged or repeated exposure.  uipment and Other Control yed air-purifying respirator with an organic where airborne concentrations may exceed the protocold by air-purifying respirators is limited.	disorders or chronic respiratory diseases exposure to this material.  naterial may result in adverse dermal or  Measures  vapor cartridge may be permissible under the exposure limits in Section 3.  ed. Use a positive pressure air-supplied
Chronic Hazards and Special Health Effects	Personnel with pre-exis should be evaluated by Prolonged/repeated ski systemic effects. Avoid Protective Eq.  A NIOSH/MSHA-approventain circumstances wonder. The protection prespirator if there is any concentrations exceed to the should be a second to the should be a sh	ausea and labored breathing.  sting central nervous system disease, skin an appropriate health professional before nexposure, inhalation or ingestion of this reprolonged or repeated exposure.  uipment and Other Control yed air-purifying respirator with an organic vehere airborne concentrations may exceed the potential for an uncontrolled release, if exposure in the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release, if exposure is a significant to the potential for an uncontrolled release.	disorders or chronic respiratory diseases exposure to this material.  naterial may result in adverse dermal or   Measures  vapor cartridge may be permissible under the exposure limits in Section 3.  ed. Use a positive pressure air-supplied cosure levels are not known, or if
Chronic Hazards and Special Health Effects  C. Respiratory	Personnel with pre-exis should be evaluated by Prolonged/repeated ski systemic effects. Avoid Protective Eq. A NIOSH/MSHA-approventain circumstances w NOTE: The protection prespirator if there is any concentrations exceed the professional for guidance	ausea and labored breathing.  sting central nervous system disease, skin an appropriate health professional before nexposure, inhalation or ingestion of this reprolonged or repeated exposure.  uipment and Other Controved air-purifying respirator with an organic vector airborne concentrations may exceed the provided by air-purifying respirators is limited potential for an uncontrolled release, if expired protection limits of the air-purifying respirator uses the protection selection. Respirator uses the	disorders or chronic respiratory diseases exposure to this material.  material may result in adverse dermal or material may be permissible under the exposure limits in Section 3.  ed. Use a positive pressure air-supplied osure levels are not known, or if material or consult with a health and safety material or consult follows.
Summary of Chronic Hazards and Special Health Effects  Alespiratory	Personnel with pre-exis should be evaluated by Prolonged/repeated ski systemic effects. Avoid Protective Eq. A NIOSH/MSHA-approventain circumstances w NOTE: The protection prespirator if there is any concentrations exceed the professional for guidance.	ausea and labored breathing.  sting central nervous system disease, skin an appropriate health professional before nexposure, inhalation or ingestion of this reprolonged or repeated exposure.  uipment and Other Control yed air-purifying respirator with an organic where airborne concentrations may exceed the protocold by air-purifying respirators is limited.	disorders or chronic respiratory diseases exposure to this material.  material may result in adverse dermal or material may be permissible under the exposure limits in Section 3.  ed. Use a positive pressure air-supplied osure levels are not known, or if in a positive pressure air-supplied or material may be permissible under the exposure levels are not known, or if in a positive pressure air-supplied or material may be permissible under the exposure levels are not known, or if in a positive pressure air-supplied or material may be permissible under the exposure air-supplied or material may be permissible under the exposure air-supplied or material may be permissible under the exposure air-supplied or material may be permissible under the exposure air-supplied or may be permissible under the exposure air



# LOW SULFUR DIESEL NO. 2

MSDS No. APPC173 VER. 6 Rev. Date 11/15/1994

Skin		contact with this material. If colorbing such as gloves, aproprietive clothing material is reco	iu. Doors and iadai bi	ry of use make otection should	skin contact likely, clean I be worn. Nitrile, neoprene, o
·		ng around equipment or proverage should consist of implacket and pants.	cesses which may cre ervious boots and oil-	ate the potentia resistant coated	al for significant skin contact, I Tyvek suit or other
Engineering Controls	Where possi occupational Code (NEC)	s coposis mino 20040 m 2	n to keep vapor and mection 3. Electrical ec	nist concentration	ons of this material below the difficult follow National Electrical
Other Hygienic and Work Practices	Use good pe waterless had smoking.	ersonal hygiene practices. In and cleaner. Wash hands and	case of skin contact, dother exposed areas	wash with mild thoroughly bef	soap and water or a ore eating, drinking or
		ous clothing which becomes orn until the material is wash card soaked leather goods y	ant biologopiy and the	CONTAMINATION	ald be immediately removed is effectively removed from
7			and First Aid		
inhalation	Immediately r administer Cf difficulty conti	· · · (agrandaminonal à 162020	esh air. For respirato itation), if necessary.	y distress, give Obtain medica	oxygen, rescue breathing, or I attention if breathing
Eye Contact	Flush with cle	ean low-pressure water for a all attention.	l least 15 minutes. If	pain or imitation	persists after flushing,
Skin Contact	Promptly rem	nove contaminated clothing.' ptoms of imitation, obtain me	Thoroughly wash affe	cted skin with s	coap and water. If there are
Ingestion	Do not induce	e vomiting, since aspiration in ptly obtain medical attention.	nto the lungs may cau	se chemical pn	eumonia. If aspiration
Emergency Medical Treatment Procedures	See above pro				
8.		Spill and	Disposal		
Precautions if	Contain coill	evacuate non-essential pers	en producti i supprinta dell'aggiorità	2	
Material is Spilled or Released	Section 6) and possible and p	d advise of hazards. Clean up placing into closed container	ip by recovering as miss. Consult with an en	protective equip uch spilled or co vironmental arm	
Material is Spilled or	Section 6) and possible and possible and local Maximize recofederal regulat approved trans	d advise of hazards. Clean uplacing into closed containers of cleanup and reporting requivery for reuse or recycling. tions would classify spilled of sporters, recyclers, treatments.	the crews with proper to by recovering as miss. Consult with an environments for spills and Consult with environments contaminated materials, storage or disposal.	protective equipuch spilled or confirmental pro- releases.	oment (as specified in ontaminated materials as fessional for the federal, and to determine if state or
Material is Spilled or Released Waste Disposal	Section 6) and possible and possible and local Maximize recofederal regulat approved trans	d advise of hazards. Clean uplacing into closed containers of cleanup and reporting requovery for reuse or recycling.	p by recovering as miss. Consult with an environments for spills and Consult with environments contaminated material, storage or disposal t.	protective equipuch spilled or covironmental pro- releases.  nental professionals as a hazard facilities. Comp	oment (as specified in ontaminated materials as fessional for the federal, and to determine if state or
Material is Spilled or Released Waste Disposal Methods	Section 6) and possible and possible and local Maximize recofederal regulat approved translocal laws perting	d advise of hazards. Clean uplacing into closed containers of cleanup and reporting requirements of the cleanup and reporting requirements would classify spilled of sporters, recyclers, treatment taining to waste managements.  Physical and Community of Viscosity Units, Temp. (	p by recovering as miss. Consult with an environments for spills and Consult with environments or contaminated material, storage or disposal t.	protective equipuch spilled or confirmental professionals as a hazard facilities. Comp	oment (as specified in ontaminated materials as fessional for the federal, and to determine if state or
Material is Spilled or Released Waste Disposal Methods  Boiling Point	Section 6) and possible and p state and local Maximize reco federal regulat approved trans local laws perting the section of t	d advise of hazards. Clean uplacing into closed containers of cleanup and reporting requirements of the cleanup and reporting requirements would classify spilled of sporters, recyclers, treatment taining to waste managements.  Physical and Community of Viscosity Units, Temp. (	p by recovering as miss. Consult with an environments for spills and Consult with environments are contaminated material, storage or disposal t.  Chemical Data  Method)  AT 100°F (D-445)	protective equipuch spilled or confirmental professionals as a hazard facilities. Comp	oment (as specified in ontaminated materials as fessional for the federal, anal to determine if state or ous waste. Use only only with all federal, state and one of the federal of the fe



### **LOW SULFUR DIESEL NO. 2**

MSDS No. APPC173 VER. 6 Rev. Date 11/15/1994

Skin	Acceptable 2.1	
	Avoid skin contact with this material. If conditions or frequency of u impervious clothing such as gloves, apron, boots and facial protection viton protective clothing material is recommended.	se make skin contact likely, clean on should be worn. Nitrile, neoprene, o
	When working around equipment or processes which may create the full body coverage should consist of impervious boots and oil-resistation impervious jacket and pants.	e potential for significant skin contact, ant coated Tyvek suit or other
Engineering Controls	Where possible, use adequate ventilation to keep vapor and mist co occupational exposure limits shown in Section 3. Electrical equipme Code (NEC) standards.	ncentrations of this material below the ent should follow National Electrical
Other Hygienic and Work Practices	Use good personal hygiene practices. In case of skin contact, wash waterless hand cleaner. Wash hands and other exposed areas thorosmoking.	with mild soap and water or a oughly before eating, drinking or
	Non-impervious clothing which becomes contaminated with this material and not reworn until the material is washed thoroughly and the contactothing. Discard soaked leather goods which cannot be effectively of	amination is offoothight
7.	Emergency and First Aid	
Inhalation	Immediately move personnel to area of fresh air. For respiratory dist administer CPR (cardiopulmonary resuscitation), if necessary. Obtain difficulty continues.	ress, give oxygen, rescue breathing, or in medical attention if breathing
Eye Contact	Flush with clean low-pressure water for at least 15 minutes. If pain obtain medical attention.	or irritation persists after flushing,
Skin Contact	Promptly remove contaminated clothing. Thoroughly wash affected s signs or symptoms of irritation, obtain medical attention.	skin with soap and water. If there are
Ingestion	Do not induce vomiting, since aspiration into the lungs may cause choccurs, promptly obtain medical attention.	emical pneumonia. If aspiration
Emergency Medical	See above procedures.	
Treatment		
Procedures		
8.	Spill and Disposal	
Precautions if Material is Spilled or Released	Contain spill, evacuate non-essential personnel, and safely stop flow. may create a slipping hazard. Equip cleanup crews with proper protection 6) and advise of hazards. Clean up by recovering as much spossible and placing into closed containers. Consult with an environmentate and local cleanup and reporting requirements for spills and relea	ctive equipment (as specified in pilled or contaminated materials as
Material is	Section 6) and advise of hazards. Clean up by recovering as much ex	ctive equipment (as specified in pilled or contaminated materials as mental professional for the federal, uses.
Material is Spilled or Released Waste Disposal Methods	Section 6) and advise of hazards. Clean up by recovering as much spossible and placing into closed containers. Consult with an environm state and local cleanup and reporting requirements for spills and releated maximize recovery for reuse or recycling. Consult with environmental federal regulations would classify spilled or contaminated materials as approved transporters, recyclers, treatment, storage or disposal facilities.	ctive equipment (as specified in pilled or contaminated materials as mental professional for the federal, uses.
Material is Spilled or Released  Waste Disposal Methods  G. Boiling Point AP 325° TO	Section 6) and advise of hazards. Clean up by recovering as much spossible and placing into closed containers. Consult with an environm state and local cleanup and reporting requirements for spills and relea Maximize recovery for reuse or recycling. Consult with environmental federal regulations would classify spilled or contaminated materials as approved transporters, recyclers, treatment, storage or disposal facilities local laws pertaining to waste management.  Physical and Chemical Data  Viscosity Units, Temp. (Method)	ctive equipment (as specified in pilled or contaminated materials as mental professional for the federal, uses.
Material is Spilled or Released Waste Disposal Methods  9. Boiling Point	Section 6) and advise of hazards. Clean up by recovering as much specially and placing into closed containers. Consult with an environmentate and local cleanup and reporting requirements for spills and releated and local cleanup and reporting. Consult with environmental federal regulations would classify spilled or contaminated materials as approved transporters, recyclers, treatment, storage or disposal facilitical laws pertaining to waste management.  Physical and Chemical Data  Viscosity Units, Temp. (Method)  AP 3 TO 3.5 CST AT 100°F (D-445)  Vapor Pressure, Temp. (Method)  LT 0.04 AT 100°F (REID-PSIA)	ctive equipment (as specified in pilled or contaminated materials as mental professional for the federal, uses.  professional to determine if state or a hazardous waste. Use only ies. Comply with all federal, state and

•			
Hazardous Pol	vmerimian		MSDS NO. APPC17
Not expected to	ymanzauon	Other Chemical Reactivity	
	occair	NAP	Stability
O45 D1	· · · · · · · · · · · · · · · · · · ·		Stable
Other Physical		= 0 to 0.05 wt.%	
and Chemical	Conductivity = (	GT 50 ns/M	
Properties	Cetane # = 40 to	0.57	
Appearance			
and Odor	States At	amber-colored liquid; kerosene odor. When erial will be dyed red.	enid for all mod
	States, this mate	erial will be dyed red.	sold for off-road vehicle use in the United
Conditions to	Heat and ignition		
Avoid		3001083.	•
Materials to	<u> </u>		
Avoid	Strong acids, alk	ralis, and oxidizers such as liquid chlorine ar	od object
			and the same of th
Hazardous	Burning or aveca	tim hosting	
Decomposition	oxides of sulfur.	sive heating may produce carbon monoxide	and other harmful gassa
Products	· · · · · · · · · · · · · · · · · · ·	,	
	Sec. 1 / 100 propries		· .
10.			22.00.00 m
		Additional Precautions	
landling,	Special		
Storage and	opecial slow load	d procedures for "switch loading" must be for material is loaded into tanks previously of	Nowad to and the
econtamination	can exist when the	his material is loaded into tanks previously of Publication 2003). KEEP CONTAINERS	containing and it avoid the static ignition hazard to
contamination			
oceaures		(( 'S-S-1 All ala ala ala ala ala ala ala ala ala	TOUCH MILL AWAY COME OF THE
•	ארבטורט ווו אביייי	Mance with annihing to	. A broader of Stoleto/Dabuloy eperity F
	יבים אי בי או בטעטעוע	DIOG COCK III	COUNTRY ENGLISH TAKEN TO
	in spaces without	adameter in inandling empty containe	WARNING U.
	minioni		TO THE PARTY OF TH
	products and inside	documents ventilation may result in generation	on of hazardous levels of combined
eneral	process and mad	reduate oxygen lavels for breathing	notizuation is every leaves of compustion
eneral	process and mad	reduate oxygen lavels for breathing	notizuation is every leaves of compustion
omments	process and mad	reduate oxygen lavels for breathing	notizuation is every leaves of compustion
omments Ipplemental	Some of the information data on the mixture	mation presented and conclusions drawn he re itself.	rein are from sources other than direct tes
omments  Ipplemental oxicology	Some of the information data on the mixture	mation presented and conclusions drawn he re itself.	rein are from sources other than direct tes
omments Ipplemental	Some of the information data on the mixture	mation presented and conclusions drawn he re itself.	rein are from sources other than direct tes
omments  Ipplemental oxicology	Some of the information data on the mixture	nation presented and conclusions drawn he reitself.	rein are from sources other than direct tes
omments  Ipplemental oxicology	Some of the information data on the mixture inhalation: Toxicit potency. However discharge.	reducte oxygen levels for breathing.  mation presented and conclusions drawn he re itself.  by studies on this material resulted in LC50 ver, during exposure, the material caused laboraterial caused laborat	erein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal
omments  Ipplemental oxicology	Some of the inform data on the mixture Inhalation: Toxicit potency. However discharge.	mation presented and conclusions drawn he re itself.  Ty studies on this material resulted in LC50 ver, during exposure, the material caused laborated	rein are from sources other than direct tes values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal
omments  upplemental  exicology  formation	Some of the informedata on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tick)	mation presented and conclusions drawn he re itself.  The studies on this material resulted in LC50 ver, during exposure, the material caused laborations are resulted in LC50 versions.	rein are from sources other than direct tes values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal
omments  upplemental  exicology  formation	Some of the informedata on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tick)	mation presented and conclusions drawn he re itself.  The studies on this material resulted in LC50 ver, during exposure, the material caused laborations are resulted in LC50 versions.	rein are from sources other than direct tes values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal
omments  Ipplemental  exicology  formation	Some of the informedata on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness),	mation presented and conclusions drawn he re itself.  The studies on this material resulted in LC50 ver, during exposure, the material caused labor exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, centing and heartburn.	rein are from sources other than direct tes values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation rail nervous system effects (headache and
omments  Ipplemental exicology formation	Some of the informedata on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), Eye Contact: Anime	mation presented and conclusions drawn he re itself.  The studies on this material resulted in LC50 ver, during exposure, the material caused labor exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, centing and heartburn.	erein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation ral nervous system effects (headache and
omments  Ipplemental exicology formation	Some of the informedata on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), Eye Contact: Anime	mation presented and conclusions drawn he re itself.  The studies on this material resulted in LC50 ver, during exposure, the material caused labor exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, centing and heartburn.	erein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation ral nervous system effects (headache and
omments  Ipplemental exicology formation	Some of the informedata on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), Eye Contact: Anime	mation presented and conclusions drawn he re itself.  The studies on this material resulted in LC50 ver, during exposure, the material caused labor exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, centing and heartburn.	erein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation ral nervous system effects (headache and
omments  Upplemental  exicology  formation	Some of the informedata on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), if Eye Contact: Animareported. Ten minutin humans.	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 ver, during exposure, the material caused labor exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, central nausea, vomiting and heartburn.  The studies have been performed on this material studies have been performed on this material studies of exposure to diesel oil aerosols (166 performed).	erein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation rail nervous system effects (headache and terial with minimal to no imitation being opm) have been reported to be non-imitation
omments  Ipplemental exicology formation	Some of the informedata on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), if Eye Contact: Animareported. Ten minutin humans.  Skin Contact: Animares.	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 ver, during exposure, the material caused labor exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, central nausea, vomiting and heartburn.  The studies have been performed on this material studies.	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation rail nervous system effects (headache and tenial with minimal to no imitation being opm) have been reported to be non-imitation
omments  Ipplemental exicology formation	Some of the informedata on the mixture and the	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 ver, during exposure, the material caused labor exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, central studies have been performed on this material studies have been performed on this material studies with this material have resulted in the studies with the studi	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation rail nervous system effects (headache and tenial with minimal to no imitation being opm) have been reported to be non-imitation at moderate skip imitation follows:
omments  Ipplemental exicology formation	Some of the informedata on the mixture and the	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 ver, during exposure, the material caused labor exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, central studies have been performed on this material studies have been performed on this material studies with this material have resulted in the studies with the studi	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation rail nervous system effects (headache and tenial with minimal to no imitation being opm) have been reported to be non-imitation at moderate skip imitation follows:
omments  Ipplemental exicology formation	Some of the informedata on the mixture and the	mation presented and conclusions drawn he re itself.  The studies on this material resulted in LC50 ver, during exposure, the material caused labor exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, central studies have been performed on this material studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal as such as respiratory tract imitation rail nervous system effects (headache and terial with minimal to no imitation being opm) have been reported to be non-imitation and moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potence.
omments  Ipplemental exicology formation	Some of the inform data on the mixture linhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), if Eye Contact: Animareported. Ten minual in humans.  Skin Contact: Animatem exposure or prodermal toxicity tests ingestion: The acute of the mixture of the acute of the contact of the acute of t	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laborate caused laborate in the studies and result in reversible symptoms, ghtness), mucous membrane irritation, central nausea, vomiting and heartburn.  The studies have been performed on this material studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract irritation rail nervous system effects (headache and terial with minimal to no irritation being opm) have been reported to be non-irritation moderate skin irritation following short appears to be non-sensitizing. The acute indicating a low potency.
omments  Ipplemental exicology formation	Some of the inform data on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), if the Eye Contact: Animareported. Ten minural in humans.  Skin Contact: Animatem exposure or prodermal toxicity tests ingestion: The acute of young children in the exposure of the exposu	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laborate caused laborate in the studies and result in reversible symptoms, ghtness), mucous membrane irritation, centrological studies have been performed on this material studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg and contact discussions.	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract irritation rail nervous system effects (headache and terial with minimal to no irritation being opm) have been reported to be non-irritation moderate skin irritation following short appears to be non-sensitizing. The acute indicating a low potency.
omments  Ipplemental exicology formation	Some of the inform data on the mixture linhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), if the Eye Contact: Animareported. Ten minure in humans.  Skin Contact: Animarem exposure or produmal toxicity tests in gestion: The acute in young children, internet exposure at achieve in the exposure of the exposure or produced in young children, internet exposure at achieve in the exposure of	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laborate caused laborate in the studies and result in reversible symptoms, ghtness), mucous membrane irritation, centrological caused, vomiting and hearthum.  The studies have been performed on this material studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg as oral toxicity tests indicate LD50 values greater diesel fuel produced symptoms of constitutions.	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation rail nervous system effects (headache and terial with minimal to no imitation being opm) have been reported to be non-imitation moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.
omments  Ipplemental exicology formation	Some of the inform data on the mixture linhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), if the Eye Contact: Animareported. Ten minure in humans.  Skin Contact: Animarem exposure or produmal toxicity tests in gestion: The acute in young children, internet exposure at achieve in the exposure of the exposure or produced in young children, internet exposure at achieve in the exposure of	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laborate caused laborate in the studies and result in reversible symptoms, ghtness), mucous membrane irritation, centrological caused, vomiting and hearthum.  The studies have been performed on this material studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg as oral toxicity tests indicate LD50 values greater diesel fuel produced symptoms of constitutions.	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation rail nervous system effects (headache and terial with minimal to no imitation being opm) have been reported to be non-imitation moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.
omments  Ipplemental exicology formation	Some of the inform data on the mixture linhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), if the Eye Contact: Animareported. Ten minure in humans.  Skin Contact: Animarem exposure or produmal toxicity tests in gestion: The acute in young children, income and or minure in humans.	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laborate caused laborate in the studies and result in reversible symptoms, ghtness), mucous membrane irritation, centrological caused, vomiting and hearthum.  The studies have been performed on this material studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg in oral toxicity tests indicate LD50 values greated diesel fuel produced symptoms of coordia (rapid heard beat), somnolence (drowsing of a characteristic odor. Aspiration can resulted in the strength of a characteristic odor.	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation rail nervous system effects (headache and tenal with minimal to no imitation being opm) have been reported to be non-imitation in moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.  The acute indicating a low potency, after than 5.0 g/kg indicating a low potency, iness), cardiac dilation, vomiting, fever and attail chemical programmer.
pmments  Ipplemental exicology formation	Some of the inform data on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tig light headedness), if the information in humans.  Skin Contact: Animal reported. Ten minute in humans.  Skin Contact: Animal reported in the information in humans.  The acute in young children, income in young children, income in young children, income in the information in the income in the	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 ver, during exposure, the material caused laborate and conclusions are included in LC50 ver, during exposure, the material caused laborate and the exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, central nausea, vomiting and hearthum.  This material have resulted in these of exposure to diesel oil aerosols (166 per performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg are oral toxicity tests indicate LD50 values greated diesel fuel produced symptoms of condia (rapid heard beat), somnolence (drowsith this characteristic odor. Aspiration can result to the produced symptoms of a characteristic odor. Aspiration can result the produced symptoms.	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation rail nervous system effects (headache and tenal with minimal to no imitation being opm) have been reported to be non-imitation in moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.  The acute indicating a low potency, after than 5.0 g/kg indicating a low potency, iness), cardiac dilation, vomiting, fever and attail chemical programmer.
pmments  Ipplemental exicology formation	Some of the inform data on the mixture Inhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tig light headedness), if the information in humans.  Skin Contact: Animal reported. Ten minute in humans.  Skin Contact: Animal reported in the information in humans.  The acute in young children, income in young children, income in young children, income in the information in the info	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 ver, during exposure, the material caused laborate and conclusions are included in LC50 ver, during exposure, the material caused laborate and the exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, central nausea, vomiting and hearthum.  This material have resulted in these of exposure to diesel oil aerosols (166 per performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg are oral toxicity tests indicate LD50 values greated diesel fuel produced symptoms of condia (rapid heard beat), somnolence (drowsith this characteristic odor. Aspiration can result to the produced symptoms of a characteristic odor. Aspiration can result the produced symptoms.	rein are from sources other than direct test values greater than 5 mg/l indicating a low ared breathing, reduced activity and nasal such as respiratory tract imitation rail nervous system effects (headache and tenal with minimal to no imitation being opm) have been reported to be non-imitation in moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.  The acute indicating a low potency, after than 5.0 g/kg indicating a low potency, iness), cardiac dilation, vomiting, fever and attail chemical programmer.
pplemental exicology formation	Some of the inform data on the mixture linhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tiglight headedness), if the light headedness), if the light headedness in the light headedness	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laborate caused laborate in the studies and result in reversible symptoms, ghtness), mucous membrane irritation, centrological caused, vomiting and hearthum.  The studies have been performed on this material studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg in e oral toxicity tests indicate LD50 values greated diesel fuel produced symptoms of coordia (rapid heard beat), somnolence (drowsing of a characteristic odor. Aspiration can result and kidney damage in laboratory animals.	rein are from sources other than direct test values greater than 5 mg/l indicating a low pared breathing, reduced activity and nasal and as a respiratory tract imitation rail nervous system effects (headache and tenal with minimal to no imitation being porm) have been reported to be non-imitation and moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.  The acute indicating a low potency.  The acute indicating a low potency, attent than 5.0 g/kg indicating a low potency, acted than 5.0 g/kg indicating a low potency, iness), cardiac dilation, vomiting, fever and the indicates similar to those shown to
pplemental exicology formation	Some of the inform data on the mixture linhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tight headedness), it light headedness. Skin Contact: Animal reported. Ten minute in humans.  Skin Contact: Animal term exposure or produced to the contact of the contact	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laborate caused laborate in the studies and result in reversible symptoms, ghtness), mucous membrane irritation, centrological caused, vomiting and hearthum.  The studies have been performed on this material studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg in e oral toxicity tests indicate LD50 values greated diesel fuel produced symptoms of coordia (rapid heard beat), somnolence (drowsing of a characteristic odor. Aspiration can result to the standard diesel in laboratory animals.	rein are from sources other than direct test values greater than 5 mg/l indicating a low pared breathing, reduced activity and nasal and assert than 5 mg/l indicating a low pred breathing, reduced activity and nasal and assert than 5 mg/l indicating a low potency.  It is a sespiratory tract imitation rail nervous system effects (headache and tenal with minimal to no imitation being perm) have been reported to be non-imitation in moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.  In a set of the service of the second process, cardiac dilation, vomiting, fever and the second preumonia.
pplemental exicology formation	Some of the inform data on the mixture linhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tight headedness), it light headedness. Skin Contact: Animal reported. Ten minute in humans.  Skin Contact: Animal term exposure or produced to the contact of the contact	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laborate caused laborate in the studies and result in reversible symptoms, ghtness), mucous membrane irritation, centrological caused, vomiting and hearthum.  The studies have been performed on this material studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg in e oral toxicity tests indicate LD50 values greated diesel fuel produced symptoms of coordia (rapid heard beat), somnolence (drowsing of a characteristic odor. Aspiration can result to the standard diesel in laboratory animals.	rein are from sources other than direct test values greater than 5 mg/l indicating a low pared breathing, reduced activity and nasal and assert than 5 mg/l indicating a low pred breathing, reduced activity and nasal and assert than 5 mg/l indicating a low potency.  It is a sespiratory tract imitation rail nervous system effects (headache and tenal with minimal to no imitation being perm) have been reported to be non-imitation in moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.  In a set of the service of the second process, cardiac dilation, vomiting, fever and the second preumonia.
pplemental exicology formation	Some of the inform data on the mixture linhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tig light headedness), if the light headedness, if the light headedness is the light headedness in the l	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laboration and the arbum.  The exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, centrologically continued and hearthum.  The exhaust may result in reversible symptoms, centrologically continued and hearthum.  The exhaust may result in reversible symptoms, centrologically continued irritation, centrologically centrologically continued in the exhaust may result in material and studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material and indicate LD50 values greater than 2.0 g/kg is oral toxicity tests indicate LD50 values greated diesel fuel produced symptoms of contrological contains petroleur and kidney damage in laboratory animals.  Exposures: This product contains petroleur and kidney damage in laboratory animals.	rein are from sources other than direct test values greater than 5 mg/l indicating a low pared breathing, reduced activity and nasal and assert than 5 mg/l indicating a low pared breathing, reduced activity and nasal and assert than 5 mg/l indicating a low potency.  It is a sespiratory tract imitation rail nervous system effects (headache and tenal with minimal to no imitation being porm) have been reported to be non-imitation in moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.  In a set of the service of the ser
pplemental exicology formation	Some of the inform data on the mixture linhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tig light headedness), if the light headedness, if the light headedness is the light headedness in the l	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laboration and the arbum.  The exhaust may result in reversible symptoms, ghtness), mucous membrane irritation, centrologically continued and hearthum.  The exhaust may result in reversible symptoms, centrologically continued and hearthum.  The exhaust may result in reversible symptoms, centrologically continued irritation, centrologically centrologically continued in the exhaust may result in material and studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material and indicate LD50 values greater than 2.0 g/kg is oral toxicity tests indicate LD50 values greated diesel fuel produced symptoms of contrological contains petroleur and kidney damage in laboratory animals.  Exposures: This product contains petroleur and kidney damage in laboratory animals.	rein are from sources other than direct test values greater than 5 mg/l indicating a low pared breathing, reduced activity and nasal and assert than 5 mg/l indicating a low pared breathing, reduced activity and nasal and assert than 5 mg/l indicating a low potency.  It is a sespiratory tract imitation rail nervous system effects (headache and tenal with minimal to no imitation being porm) have been reported to be non-imitation in moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.  In a set of the service of the ser
pplemental exicology formation	Some of the inform data on the mixture linhalation: Toxicity potency. However discharge.  Exposure to diesel (wheezing, chest tig light headedness), if the light headedness, if the light headedness is the light headedness in the l	mation presented and conclusions drawn he re itself.  Thy studies on this material resulted in LC50 very studies on this material resulted in LC50 very during exposure, the material caused laborate caused laborate in the studies and result in reversible symptoms, ghtness), mucous membrane irritation, centrological caused, vomiting and hearthum.  The studies have been performed on this material studies have been performed on this material studies with this material have resulted in colonged/repeated exposure. This material a indicate LD50 values greater than 2.0 g/kg in e oral toxicity tests indicate LD50 values greated diesel fuel produced symptoms of coordia (rapid heard beat), somnolence (drowsing of a characteristic odor. Aspiration can result to the standard diesel in laboratory animals.	rein are from sources other than direct test values greater than 5 mg/l indicating a low pared breathing, reduced activity and nasal and assert than 5 mg/l indicating a low pared breathing, reduced activity and nasal and assert than 5 mg/l indicating a low potency.  It is a sespiratory tract imitation rail nervous system effects (headache and tenal with minimal to no imitation being porm) have been reported to be non-imitation in moderate skin imitation following short appears to be non-sensitizing. The acute indicating a low potency.  In a set of the service of the ser



#### LOW SULFUR DIESEL NO. 2

MSDS No. **APPC173 VER. 6**; Rev. Date 11/15/1994

11

### Regulatory Information

### SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III

Section 311/312 Hazard Categories:

Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard

No chemicals in this product exceed the De Minimus reporting level established by SARA Title III, Section 313 and 40 CFR

#### TOXIC SUBSTANCES CONTROL ACT (TSCA)

All components of this product are listed on the TSCA Inventory.

#### COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA)

This material is covered by CERCLA's PETROLEUM EXEMPTION. (Refer to 40 CFR 307.14)

#### CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 - PROPOSITION 65

This product may contain trace amounts of the following chemical(s) listed by the state of California as "Known to cause cancer" or "birth defects or other reproductive harm".

Component Name

BENZENE

**TOLUENE** 

--- Note ---

Abbreviations:

EQ = Equal

LT = Less Than

AP = Approximately UK = Unknown

N/DA = No Data Available

N/P = No Applicable Information Found N/AP = Not Applicable

TR = Trace GT = Greater Than Discisimer of Liability

The information in this MSOS was obtained from sources which we befeve are revable. NOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS.

octions or methods of handling, storage, use and dispo all of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAM LIABILITY FOR LOSS DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING. STORAGE, USE OR DISPOSAL OF THE PRODUCT.

This MSDS was prepared, and is to be used only for this product. If the proed as a component in another product, this MSOS information may not be applicable.

# ATLANTIC RICHFIELD SPECIFICATION

CALIFORNIA DIESEL CARB DIESEL NO. 2

**BRAND NAMES** ARCO CARB Diesel 10669 AND Unbranded CARB Diesel 10669 PRODUCT CODES

Unbranded Tax-exempt CARB Diesel 10683

This product meets California requirements for use as a motor vehicle fuel. For additional information, consult the following section of the On-line Product Specifications Book:

PROPERTY	TEST METH	
Appearance	ARCO 8039	LIMITS
Aromatics, V%	D5186-96*	Bright
Ash. W%	10490	See Footnote (7)
Carbon Residue, Rams.,		Max 0.01
10 V% Bottoms	D524	
Cetane Number	D613-84	Max 0.35 (1)
Cloud, °F (°C)	D2500* or	Min 40 (7)
Color, ASTM	ID3117	See Footnote (2)
Color, Visible	D1500	Max 2.5 (3)
Conductivity, 75 °F, pS/m	-	[Undyed (4)
Copper Corrosion, 3 hrs @	D2624	Min 50 (5)
122°F (50°C)		
Distillation	D130	Max No. 3
	1D86-96	
50% Recovered, °F (°C	)	IRecord
90% Recovered, °F (°C	)	Min 540 (282)
90% Recovered, °F (°C	)	May 640 (282)
End Point, °F (°C)		Max 640 (338)
lash, PM °F(°C) ravity, API	D93	Max 698 (370)
itrogen, ppm	D287	See Footnote (2)
articulates, mg/l	ID4629-96	30.0-42.0
olymusismg/l	1000-0	See Footnote (7)
olynuclear Aromatics. W%	D2425-83 or	Max 10
95.00	D5186-96	
ur, °F(°C)	D97	See Footnote (7)
st, 3.5 hr. @ 100°F	ARCO 8003	See Footnote (2)
bility, mg/100 ml	D2274	Min B++ (6)
fur, ppm	D2622-94 or	Max 1.0
	D5453-93	
cosity, Kinematic	155453-93	See Footnote (7)
104°F (40°C), cSt	1045	
ter and Sediment, V%	D445	1.9-4.1
7.10, 7.76	D1796	Max 0.05
ary, 1997	Referee Method	

Refer to On-line Specifications for up-to-date requirements.

- FORTONIA

# ATLANTIC RICHFIELD SPECIFICATION

CALIFORNIA DIESEL

CARB DIESEL No. 2

#### **FOOTNOTES**

- This specification applies only to the base fuel without cetane improver (see ASTM test method D524, Note 3).
- (2) Cloud, Pour, and Flash Point requirements are as follows. Dates apply at the refinery shipping point. Flash Point limits in the Table apply to shipments from Cherry Point; mini-mum Flash Point for LAR is 135 degF for all destinations. (Rp = report requirement only)

	INov-	1	Apr-	1		14311,		
lOct	Feb	Mar		<del> </del>			Apr-	Min
====	====				<u>   Feb</u>	Mar	Sep	(CP)
124	24				====	====	====	====
	- <del></del>	124	124	IRp	ΙRp	IRp	Ro	150
124	124	100			1		1	130
				lRp	115	15	IPn	1110
			32	IRp	IRp			140
124	24	;32	132	IRp	IRp			140
124	1	1				1770	IRD	150
		!24	124	Ro	ip.	10-		1
124	14	124	124			-j		i150
<u>i</u>			1	<del></del>	;0	115	15	140
24	114	124	124	115	10	.]		1
	24   24   24   24   24   24	Oct   Feb   ====	Oct   Feb   Mar	Oct   Feb   Mar   Sep	Oct   Feb   Mar   Sep   Oct	Oct   Feb   Mar   Sep   Oct   Feb   Sep   Sep	Oct   Feb   Mar   Sep   Sep	Oct   Feb   Mar   Sep   Oct   Feb   Mar   Sep   Sep   Oct   Feb   Mar   Sep   Sep   Oct   Feb   Mar   Sep   Sep

- (3) The ASTM color specification applies: at refinery shipping point only and, if fuel is dyed, to the base fuel prior to addition of red dye.
- (4) CARB diesel which is sold free of the Section 4081 Federal excise tax for tax-exempt uses, must be dyed red. See Diesel no. 2, Approved Additives, in the On-Line Specifications Book.
- (5) Refineries will add anti-static additive as required. Terminals will test tenders of P&E product and product of unknown origin for conductivity and add anti-static additive as required.
   (6) At the LA Refinery, this product and the latest tenders of P&E product and the latest tenders of P&E product and latest tender
- (6) At the LA Refinery, this minimum applies only to pipeline shipments.
- (7) This product meets CARB requirements for these properties according to limits established by one of these CARB executive orders: G-714-007, G-714-008, or G-714-010. For further information, contact Quality Administration

January, 1997 Page 2 of 2

Refer to On-line Specifications for up-to-date requirements.

Contract Number: RSL1260

The second second

#### 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.)

### Fire ALArm-

- 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.

The Parking Lot North OF 7441 Chapman - (Shored by 11861 Western AVE).

### 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.)



# 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

			Page of	
BUSINE	SS INFORMATION			
Supplied by CCC Dig. 3 0 3 5	BEGINNING DATE	1	ENDING DATE	
BUSINESS NAME	7/3/03		12/3/05 BUSINESS PHONE	
LIME WARNER CABLE		4	17/4-903 8 3/8	
BUSINESS SITE ADDRESS			1119 703 8318	
GARDEN GROVE	7	Torre		
DUN & BRADSTREET	7	CA STATE 8	92841	,
	10 SIC CODE (4 DIGIT A	1) 11	FIRE DISTRICT	12
COUNTY ORANGE			1 2214	13
BUSINESS OPERATOR NAME				
DALE Bowles	14	OPERATOR	'S PHONE	15
RUS	NESS OWNER	117-9	03-8375	
OWNER NAME	NESS OWNER			
TIME WARNER CALL		16	OWNER PHONE 1714-903 8318	17
OWNER MAILING ADDRESS 7441 Chopman AVE			1/14-703 3318	18
CITT	19	STATE 20	Tax	
Garden Grove CA.		CA.	92841	21
ENVIRON	MENTAL CONTACT			
CONTACT NAME		22	CONTACT PHONE	22
CONTACT MAILING ADDRESS			714-903-8318	23
CITY Chapman AVZ				24
Gorden Grove	25	STATE 26	ZIP	27
	NOV	CA	92841	
NAME	NCY CONTACTS	SECO	NDARY	
William Humphry	DALE BOLL	les		33
SECURITY & SAFETY MORAGER	29   TITLE			34
BUSINESS PHONE 7/4.903.53/8	30 BUSINESS PHONE			35
24-HR, PHONE	7/4-903-	<u>8375</u>		
PAGER	24-DR. PISONE		•	36
287	32 PAGER			37
	COLLECTED INFORM	ATION		
DESCRIBE THE TYPE OF BUSINESS OPERATION:	COLLECTED INFORM	AHON		
VIDEO, HISK Speed INTERNE	T And Place	38	TOTAL # OF EMPLOYEES	39
BILLING ADDRESS (IF DIFFERENT FROM ABOVE)	1 ANG THOSE		_/75	
•		40	ATTENTION	41
PROPERTY OWNER NAME 42 ADDRESS		43	PHONE	44
Certification: Based on my inquiry of those individuals response personally examined and am familiar with the information s	nsible for obtaining the inform	ation I cod	ife underth_fl	- 1
ave personally examined and am familiar with the information s IGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	ubmitted and believe the inforr	nation is true	e, accurate, and complete	hat I
W. G. Humah		45	DATE /2/F/DC	46
AME OF SIGNER (print)		,	· ~7 3/L/3	ſ
William G. Humphy	NAME OF DOCUMENT PREPAR	RER (print)	11	49
TLE OF SIGNER	William Hom	Ohm		49
William G. Humphy	William Hony	Ohiy	650	49