

OFFICE OF THE CITY CLERK

Safeguard all official records of the City. Conduct municipal elections and oversee legislative administration. Provide reliable, accurate, and timely information to the City Council, staff, and the general public. **Steven R. Jones** Mayor

John R. O'Neill Mayor Pro Tem - District 2

George S. Brietigam Council Member - District 1

Diedre Thu-Ha Nguyen Council Member - District 3

Patrick Phat Bui Council Member - District 4

Stephanie Klopfenstein Council Member - District 5

Kim B. Nguyen Council Member - District 6

June 25, 2021

Requester: Frank Trinidad

Company: ODIC ENVIRONMENTAL

Re: 11791 Monarch St.

Dear Mr. Trinidad,

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

The City of Garden Grove Fire Department has utilized its best efforts to locate the records requested. The City does not provide records on spills, leaks and clean-up, as that information is provided through the County of Orange Health Department.

Sincerely.

Amanda Pollock
City of Garden Grove
City Clerk's Office



GARDEN GROVE FIRE DEPARTMENT

Life Safety & Hazardous Materials Disclosure Program

11301 Acacia Parkway, Garden Grove, CA 92842 Bus 714-741-5600 Fax 714-741-5640 File # 2736 Fire District 2214

Inspector E4

Shift B

Next Insp 3 / 2015

Address 11791 MONARCH St Suite Zip 92841 Business Owner
Business Owner Emergency Contact Group S1 Load Sprinklers F/P/N P 5 yr. Cert. 6 / 2597 Haz Mat V Fire Permits 801031 HAZARDOUS MATERIALS - use, handling or storage, An inspection at the above location/occupany revealed the following violations(s): ASSEMBLY OCCUPANCIES Post maximum occupancy load sign (CFC 1004.3) Remove combustible decorative material (CFC 807.1.2) Remove storage under stainway (CFC 315.2.4) SIGNS Provide address visible from the street (CFC 505.1) Provide hazardous materials warning signs (CFC 2703.5) EXITS Provide/maintain approved panic hardware (CFC 1008.1.10) Remove exit obstruction (CFC 1003.6) S/W // / / / / / / / / / / / / / / / /
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Ulang optimization(s) 2 FLT from the co (OFO 000 0)
Hang extinguisher(s) 3.5'-5' from floor (CFC 906.9) Failure to report a change in business or chemical inventory within 30 days of the following:
Clean filters, ducts, hood above cooking surface (CFC 904.1)
Service auto-extinguishing system semi-annually (CFC 904.11.6.2)
Addition of a previously undisclosed material 5 yr certification on sprinkler/standpipe system (Title 19, Sect. 904)
MISCELLANEOUS Change of business name or owner
Lower storage 18" below sprinklers or 2' from ceiling (CFC 315.2.1)
Secure compressed gas cylinders (CFC 3003 5.3)
Post Business License Fire Department permit (CFC 105.3.5) NO VIOLATION MINOR VIOLATION CLASS I VIOLATION CLASS I VIOLATION
The violations
ADDITIONAL VIOLATIONS AND/OR NOTES COURT FOR TAMPER PLISER
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Business representative signature
Inspector Name/ ID # 2867 Date 8/12/13
Cleared 8 16/13 Mailback card due/_ / PRe-inspection date 8 16/13 Final Notice/_ /
P:\FPD\Forms and Handouts\Forms\Lifesafety & HazMat Program Inspection Form 7-2013



GARDEN GROVE FIRE DEPARTMENT

Life Safety & Hazardous Materials Disclosure Program

11301 Acacia Parkway, Garden Grove, CA 92842 Bus 714-741-5600 Fax 714-741-5640 File # 2736 Fire District 2214

Inspector E4

Shift B

Next Insp 3 / 2015

							744070407	-
Occupant or DBA		HINING INC.			siness Tel		714 379-107	_
Address	11791 MONARCH St			Suite	Zip		9284	,1
Business Owner		***D.to	<u></u>	•	el —			
Emergency Contact		Traw			— Tel			-1
Group S1	· · · · · · · · · · · · · · · · · · ·	Sprinklers F/P/N	Р	5 yr. Cert.	6 /	2907	Haz Mat 🗸	4
Fire Permits 80103	I HAZARDOUS MATE	RIALS - use, handling or s	storage,		6/20	312	Til .	
An inspection at the	above location/occupar	y revealed the following v	riolations(s) :		,		•	
ASSEMBLY OCCUPA	NCIES		ELECTRICAL	. SAFETY PRE-	CAUTION	3		
	cupancy load sign (CFC 1			ue use of extens	,	-	•	
=	ble decorative material (C	•	CFC 605	clear for access 5.3)	in front of	electric	al panel	
	nder stairway (CFC 315.2	2.4)		lace electrical	Cover[]	:ookot	Power Strip	
SIGNS	delle le français e e e e e e e e e e e e e e e e e e e	0.505.4	(CFC 605.		Cover	ocket	T Lower 20th	
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	uction (CFC 1003.6) 5/	/ -	HAZARDO	JS MATERIALS	DISCLOS	URE		
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95	•	Poom	FACTOR WAS TAKEN	mplement and/or e	lectronically	submit	A HMBP	EL,
	ox Box (CFC 506.1)	(050 500 4)	www.esubr	nit.ocgov.com	Propa.	$\lambda_1^{\prime\prime}$		
	ns to fire apparatus acce		Chemical is	nventory is incomp	lete and/or	requires	updating	
FIRE PROTECTION E	QUIPMENT AND SYSTE	MS	The Emerg	ency Response Pl lequately address	lan is inadeo	uate and	d/or	
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Service and tag ext	tinguisher(s) (CFC 901.6)		Site Map is	incomplete or ins	ufficient			
Hang extinguisher(s) 3.5'-5' from floor (CFC	906.9)	Failure to re	eport a change in l ithin 30 days of the	business or	chemica	1	
Clean filters, ducts	, hood above cooking sur	face (CFC 904.1)	Legisla Santa	or more increase	a legities	tity of a (disclosed materia	al
Service auto-exting	uishing system semi-ann	ually (CFC 904.11.6.2)	S. Maria Stranger	tion of a previously				
5 yr certification on	sprinkler/standpipe syste	em (Title 19, Sect. 904)		nge of business na				
MISCELLANEOUS				port a release or t				
Lower storage	18" below sprinklers or	2' from ceiling (CFC 315.2.1)		ubmit annual certi				
Secure compresse	d gas cylinders (CFC 300	03.5.3)	NO VIOLATI		CAT COST	OR VIOI	I ATION	
Post Business L	icense Fire Department	permit (CFC 105.3.5)	Towns Comments		The same of the sa	IZ BOX BOX	DLATION	
NO VIOLATIONS		No.	257 V 242 SCHOOL SHOP SOME TO CA	ony CONT.	CONTRACTOR OF STREET			
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WASTE OIL		COURT FOR TAMP	11	ENL NUSE KEEDI	14/B L.	Mea:	14. / EAR	- سنرای
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Inspector N Cleared 8 NGI	A	due / / [23]n-	inancation data	8 175-117	Date <u>8/1</u>	-/! 		
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FIRE SAFETY SURVEY GARDEN GROVE FIRE DEPARTMENT

11301 Acacia Parkway, Garden Grove, CA 92842 Bus 714-741-5600 Fax 714-741-5640 File # 2736 Fire District 2214

Inspector E4 Shift B

Next Insp 3 / 2013

IR 0

Occupant or DB/	A AERO DYNAMI	C MACHINING INC.		Busi	iness Pl	none	714 379-1073
Addres	s 11791 MONARO	CH St		Suite	;	Zip	92841
Business Owner					F	hone	
Emergency Contac	et			gr.	F	hone	
Group S1	Load	Sprinklers F/P/N	Р	5 yr. Cert.	6 /	2007	Haz Mat 🔽
Fire Permits 801031 HAZARDOU	JS MATERIALS - ι	se, handling or storage,					
SIGNS	the above locate visible from the stre	tion/occupany revealed t	ASS	wing violations SEMBLY OCCU Post maximum occu	PANCII		(CFC 1004.3)
		signs (CFC 2703.5)		Remove combustible Remove storage und	e decorat	ive mate	erial (CFC 807.1.2)
Remove locks, c		dware (CFC 1008.1.9) om exit door (CFC 1008.1.8) 08.1.8.5)		ECTRICAL SAFE Discontinue use of e Keep 30" clear for ac (CFC 605.3)	extension	cords (0	CFC 605.6)
	struction (CFC 1028.		37	Provide/replace elect (CFC 605.1) Location	tricalc	overs	socketpower strip
		gency lighting (CFC 1006.1)		Z-MAT SAFETY	PRE-C	AUTIO	NS
ACCESS Provide outside R	Knox Box (CFC 506.			Complete Hazardous 714-741-5628 (CFC website: www.esubn	s Materia 2701.5.1	ls Disclo , 2701.5	sure submittal
FIRE PROTECTI	ON EQUIP. AND	SYS.		Provide approved ca iquids (CFC 3404.3		nore tha	n 10 gal. flammable
	guishers2A10BC extinguisher(s) (CFC	40BCK (CFC 906.1)		Provide approved sa iquids (CFC 3404.3.	fety cont 1)	ainers(s) for flammable
Hang extinguishe	er(s) 3.5'-5' from floor	(Title 19, Sec.567.6)		CELLANEOUS Lower storage18' CFC 315.2.1)	' below s _l	prinklers	or 2' from ceiling
Service auto-exti	nguishing system se	mi-annually (CFC 904.11.6.3)		Secure compressed	gas cylin	ders (Cl	FC 3003.5.3)
5 yr certification o	on sprinkler/standpip	e system (Title 19, Sect. 904)		PostBusiness Lic (CFC 105.6)	enseF	ire Dep	artment Permit
ADDITIONAL VIO	OLATIONS AND	ØR NOTES			2	NO	VIOLATIONS
Business representativ		and Dun			Date	3 K	3/15/13
	spector ID# 25		Re-inenect	tion date / /	Date	Final N	otice / /



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



Add	lress: (1791	MONARCH			54.0. OT 128 120 10
	cupant or DBA:		11001-100		File No:
	· -	AERO DYNIAMOC	MACHENENG INC.		
OW	ner/Manager: _	_	<u> </u>		Phone:
		d Safety Code, Section 6 ne BEP packet, Hazardor Department. HazMat Coo		erly complete the Business is, and all material safety da	Emergency Plan (BMP) packet. You are ta sheets within fifteen (15) days to the
An i	nspection at the a	bove location/occup	ancy revealed the follow	ving violation(s):	
Viola	tion(s): CA Health	and Safety Code Char	oter 6.95, Article 1 and Title	19, §2729 et seg., Califo	mia Code of Regulations (CCR)
	Complete Hazardous	s Materials Disclosure pac	ket, HSC Chapter 6.95. Title	19 Div 2 Chanter 3, CEC 800	132
	railure to submit a B	usiness Emergency Plan.	[HSC 25505(a)(1)]; CFC 800	1.3.2	1.0.2
	Failure to review and	or revise the Business E	mergency Plan as required (H	SC 25505/b)&(c)1	
	Chemical inventory is	s incomplete and/or requir	es update. [HSC 25509]		
	The Emergency Res	ponse Plan is inadequate	and/or does not address th	e following issues and shall I	be immediately revised and resubmitted:
	- ' ' ' ' ' ' '		and or deep not address in	e lollowing issues and shall i	be immediately revised and resubmitted:
	☐ Notification Pro	ocedures			
	☐ Mitigation Proc	edures			
	☐ Evacuation Pro	ocedures			
	☐ Employee Train				
		=			
	Failure to provide par	ne title and 24 hour num	or needs to be updated. [HSC	25509]	
	Site Man is incomplet	te or insufficient. [HSC 25	ber of emergency contact(s).	[HSC 25509(a)(7)]	
	Failure to report a role	e or insumicient, [nsc 25	509]		
	Failure to report a cha	ease or threatened releas	e. [HSC 25507]		
	100% or more i	inge in business or chemi	ical inventory within 30 days o	f the following event(s): [HS0	25510]
	Addition of a pr	increase in the quantity of	a disclosed material		
	Change in busin	eviously undisclosed mate	erial		
	Change in busin				
	Change of busin				·
	Other (See com				
	10000				
violai	ion(s): California F	ire Code 2001, Articles	79 & 80, Title 19 Part 9, C	alifornia Code of Regulati	ons (CCR)
KQ I	Provide for secondary	containment for hazardor	us materials liquids and solids	(CFC 8003 1 3 3)	
	Provide spill control fo	r hazardous materials liqu	uids (CFC 8003.1.3.2)		\$
Li i	Provide approved cabi	inet if more than 10 gallor	ns of flammable liquids (CFC 7	7902.5)	
	Provide placarding and	d signs (NFPA 704, CFC	Article 79 §7901.9, Article 80	\$8001.7-8)	
	No Violations Found		•	,	
Additi	ional Violations ar	nd/or Notes			
(4)			E AREA; & DRUMS		
1 4	CINDICI CONTA	LNMENT C)10KAG	= MREH, 3 DRUHS		
					8
			· · · · · · · · · · · · · · · · · · ·		
			(6)		
-					
Respo	onsible Party: χ	milles		Re-inspection Date:	-41.14
				-	08/11/2010
nie au	ove are violations (of California law and re	quire immediate correction	 Failure to correct violati 	ons is subject to civil penalties.
	ept. Inspector:	B. NAGEC			A STATE OF THE STA
	_			_ ID #:	
Joriul	tion Upon Re-insp	pection:		Dat	te:
				· · · · · · · · · · · · · · · · · · ·	
5-430	18 doc (05/06)				

GARDEN GROVE



FIRE DEPARTMENT

HAZARDOUS MATERIALS DISCLOSURE PROGRAM

REPORTING FORMS PACKET

SHORT VERSION

FOR OFFICIAL USE ONLY
FACILITY ID NO.
BUSINESS NAME
BUSINESS ADDRESS
APPROVED BY DATE
NEW BUSINESS YES NO UPDATE
PICK 4D BUSLIST CALARP: CUPA: GIS
FEE





CITY OF GARDEN GROVE FIRE DEPARTMENT

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

Hazardous Materials Business Information Form

		Pag	ge of	. 3
BUSINESS I	NFORMATION			
FACILITY # 3 0 0 3 5	BEGINNING DATE	1	ENDING DATE	2
BUSINESS NAME Aero Dynamic Machining, Inc		4	BUSINESS PHONE 714-379-1073	5
BUSINESS SITE ADDRESS 1179/ Monarch St.				6
GARDEN GROVE	7 STATE CA	8	2IP 92841	9
DUN & BRADSTREET SYYS718Y	10 SIC CODE (4 DIGIT #)	11	FIRE DISTRICT	12
ORANGE				13
BUSINESS OPERATOR NAME David Name	14 OPERATION THE	OR'S PHO	9-1073	15
BUSINES	S OWNER		The state of the s	XIEA I
OWNER NAME David Nayagen		16	OWNER PHONE	17
OWNER MAILING ADDRESS 9				18
CITY	19 STATE	20	ZIP	21
ENVIRONMEN	ITAL CONTACT		THE ROLL STORY	
CONTACT NAME Kevin Tran			CONTACT PHONE 714-357-9564	23
contact mailing address 11791 Monarch St.				24
Garden Grove	25 STATE	26	77841	27
PRIMARY EMERGENC	Y CONTACTS		SECONDARY	
NAME 28	NAME			33
TITLE U?	TITLE	9		34
BUSINESS PHONE 30	BUSINESS PHONE			35
24-HR, PHONE 31	24-HR. PHONE			36
PAGER# 32	PAGER#			37
ADDITIONAL LOCALLY CO	OLLECTED INFORMATIO	N	Transfer Williams	77
DESCRIBE THE TYPE OF BUSINESS OPERATION: Machine Shop for Aerosi	zace industric	38	TOTAL # OF EMPLOYEES	39
BILLING ADDRESS (IF DIFFERENT FROM ABOVE)	0,000,119		ATTENTION Names	41
PROPERTY OWNER NAME Daniel + Wandy Daniel 1179/ Mon	arch Sl		Wandy Nguyer	44
Certification: Based on my inquiry of those individuals responsible have dersonally examined and am familiar with the information submitted.	le for obtaining the information	, I certi	ify under penalty of law the	hat I
SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	and bollove the illionitation		DATE DATE	46
NAME OF SIGNER (print) 47	NAME OF DOCUMENT PREPARER (d	orint	1/01/10	49
TITLE OF SIGNER 48	TITLE OF DOCUMENT PREPARER			50
Business Info Form 1 – 03/06/03				



HAZARDOUS MATERIALS INVENTORY FORM

FORM 3

	(IAI)		DD	1	DELETE		REVISED	1							Page		of	2	_ 2
F	ACILITY ID#	3 0	0 3	5			38	BUSINE	SS NAME		LWAY	mel	M	مدار	1 6 1	nil.	. 124		3
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(CHEMICAL LOC	ATION	ard	(5	W Si	(de)													4
	ONFIDENTIAL	LOCATIO	ON		Yes	No	5	MAP#	/				6	GRID#	A-9	ı.			7
	建筑的	獨談					II. CHE	EMIC.	AL INF	ORMA	NOITA	建							
C	HEMICAL NAM	N OI	. = 10 (D 1/4.	. 1)			WAS	STE [Yes	8	TRADE	SECRET	г	Yes	Ø No	11
-	OMMON NAME		n pc	F-F-	Huz	<u> </u>	aste						9	* If E		ee instru	Ctions Yes	□No	12
L	AS#		Ody	10	9 20 000	F. 1/474.DD. 0	1.0050.										nts must be	_	
Ľ	A3 #	_		10	FIRE COL	E HAZARD C	LASSES (supplied	by GGFE))									13
T	YPE (Check one It	em only)	a. PUF	lE .	b. MIXT	JRE	₾ (c. W	ASTE	14	RADIO	CTIVE	Yes	Ď	No	15 C	URIES	NA	-	16
	HYSICAL STAT		a. SOL	ID	LIQUI	D 🗆 c	. GAS	17	FED HA		⊠ ka. F	FIRE (□ b. I	REACTIVE		c. PR	ESSURE RE	LEASE	18
A	/ERAGE DAILY	V =		19	MAXIMUM DAI	n v	<u>-</u>		L AND	141.444.5		CUTE HE					RONIC HEA	LTH	
Añ	TAUON	22			AMOUNT	500	Ga	20	ANN	JAL WAS	7-50	T D				ASTE CO	~		22
UN	□ c.	GALLON POUND 3. amoun		d. TON	IC FEET S	23 DAY	'S ON SITE	: 3 6	7_			24	LARG	SEST CON	S Z		Gal		25
	ORAGE CONTA heck all that ap		📗 ь. и	NDERGE	ROUND TANK ROUND TANK IDE BLDG RUM	f. NO	ASTIC DRI NMETALLI TAL CONT RBOY	C DRUI	۷ 	i. VAT I. FIBER I. BAG(\$	5)	_ n.	PLAST	DER S CONTAIL IC CONTAI CH OR EQ	INER	☐ r. ☐ s	RAIL CAR TOTE BIN		26
ST	ORAGE PRESS	URE	V 12%	☐ a.	AMBIENT	•	☐ b. /	ABOVE	AMBIENT		·	BELOW							27
ST	ORAGE TEMPE	RATURE		☐ a.	AMBIENT		□ ь. /	ABOVE	AMBIENT			. BELOW	AMBIEI	NT		d. CRYC	OGENIC		28
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1	5-10%	/29 D	Co	dar	4						30	☐ Yes		ØNo	31	64	1747	-57	-5 ³²
2		29		- n. w							30	☐ Yes		□ No	31				32
3		29			······						30	☐ Yes	i	□ No	31				32
4		29									30	☐ Yes		□No	31			*****	32
5		29			-						30	☐ Yes		□ No	31				32
ll m	ore hazardous co	omponen	ts are present	at greate	r than 1% by we		rcinogenic, LACAF					ch addition	al shee	ts of pape	r capturi	ng the re	quired infon	mation.	0390
MICE		1757000		\$77E		NAME OF THE OWNER, AND THE OWNER, AN	LAOAI	· Dilite	J IIII C										
UN	IDOT#_		Refer	n shir	ping pape	re or MSI	28		33		- 1			(704 HA RED) 🛳	ZAR[DIAM	OND		
D.C.				O Ship	ping pape	13 01 10101						HEAL			\nearrow	_	REACTIVE (YELLOW		
DC	T HAZARI) CLA		Refer	to shipping	g papers (or MSD	S	. 34			(BLU	E) SPECI	AL \	\searrow	WHI	TE		
ΕP	CRA 🗆	YES	□ NO		•	•			35				HAZAF		<u></u>	OX/		27	
	Y										B# A L	/E ^C !	M A N.	v cor	IEC C	NE CU			
	x		If EP	CRA, I	Please Sig	gn Here			36			INVEN					IEMICAI DED	_	

	_	IFORM HAZARDOUS 1. Generator ID		2. Page 1 of 3. En	nmanay Bassana	Dhone	Id Manifest	rom	Approved. O	MR NO. 2	2050-003
\prod	V	MASTE MANIFEST Cenerator's Name and Mailing Address	-4-21371-	2. Fage 1 01 3. En	7 1		4. Manifest	1674	1963	ال و	JK
4	3. 6	minerator's Name and Maining Address	EFF DINAN	Génei	ator's Site Address	(if different tha	an mailing addres	ss)			3
ıĺ	Gor	compared Phones:	1 771072106	RIEL	****						
	6. Ti	nerator's Phone:					U.S. EPA ID N	Number			
П	7. Ti	999aaaIntersta ransporter 2 Company Name	ate Pumping Compan	У			U.S. EPA ID N	lumber	CALO	0032	8860
Ш		origonated Cosilla Money and O's Add									
	0. 0	esignated Facility Name and Site Address Evergreen Knylrome	ental Services				U.S. EPA ID N	lumber			
		16604 San Pedro St									
П	raci	inganomora, CA 90746					CA	D9816	96420		
	9a. HM	and Packing Group (if any))	per Shipping Name, Hazard Class, ID Nur	mber,	10. Contain No.	ers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Wa	ste Codes	
OR-		Non-RCRA Hazardou (oily water)	s Waste, Liquid		0 0 1	TT		G	223		
GENERATOR							320				
GEN		2.									
				·							
		3.									
		4.									
		Ť									
	14. 5	Special Handling Instructions and Additional	Information								
		Emergency Contact									
	15.	GENERATOR'S/OFFEROR'S CERTIFICAT marked and labeled/placarded, and are in a	TION: I hereby declare that the contents of	of this consignment are fully	and accurately desi	cribed above I	by the proper ship	pping name,	and are classifie	d, packaç	jed,
ij		Exporter, I certify that the contents of this co I certify that the waste minimization statement	onsignment conform to the terms of the att	ached EPA Acknowledgmer	t of Consent			if export shij	ment and I am 1	he Primar	У
П	Gene	rator's/Offeror's Printed/Typed Name		Signature	(-) (quality gone	natory to duc.		Month	Day	Year
Ţ	16 In	temational Shipments									10
NT.		Import sporter signature (for exports only):	t to U.S.	Export from U.S.	Port of entry Date leaving						
副		ansporter Acknowledgment of Receipt of Ma	terials								
딝	Trans	porter 1 Printed/Typed Name	(90) - FV((1)	Signature		200	-		Month	Day	Year
ᇗ		Bill Ogle (Driver)			() (-11			17	17	VA
TRANSPORTER	Irans	porter 2 Printed/Typed Name		Signature		4			Month	Day	Year
ŧ٦	18. Di	screpancy									
	18a. C	Discrepancy Indication Space Qu	antity Type	[Residue		Partial Rejec	ction		ull Reject	ion
<u> </u> -	18h A	Mternate Facility (or Generator)			anifest Reference N	lumber:			,		
ED FACILITY		Section 1 dainy (or Osticiator)					U.S. EPA ID Nu	mber			
	_	y's Phone: ignature of Alternate Facility (or Generator)					<u> </u>		111.0	0	
<u>₹</u>				,					Month	Day	Year
3	19. Ha I.	azardous Waste Report Management Metho	d Codes (i.e., codes for hazardous waste 2.	treatment, disposal, and rec	ycling systems)		4.				
							7.				
		signated Facility Owner or Operator: Certific	cation of receipt of hazardous materials co		ot as noted in Item 1	8a					
[[-intec	1/Typed Name		Signature					Month	Day	Year
<u>~</u>		8700-22 (Rev. 3-05). Previous editions									



HAZARDOUS MATERIALS INVENTORY FORM

FORM 3

	CPAR.																
	A	ADD	DELE	ETE	REVISE	D 1						F	Page .	i	of _	4	. 2
F	ACILITY ID# 3 0	0 3	5	\prod	38	BUSIN	ESS NAME	Den:	~MLL	M	lar	hinir	4,1	Inc			3
					l. F	District of the last	TY INFO		THE PERSON NAMED IN								
C	HEMICAL LOCATION	V = 1.	(5W	e , 1	. \						oo	· -					. 4
	ONFIDENTIAL LOCATION				No 5	MAP#					6	GRID#	A e2	•			7
E	PCRA		No. of the last		II. CI	HEMIC	AL INF	ORM/	TION	dless:			77 8	7	7.5		
CI	HEMICAL NAME	G KIND TEN						WAS		Yes	8	TRADE SE	CRET	·	Yes	□KNo	11
L	V	P-Ta	<u>ch</u>									* If EPO	CRA see i	instructions			
C	Semi-	sunth	etu.	20/11	1	Lest	1120				9	An EHS Ch				2 00	12
C/	\S#	7	10 FIRE	CODE HAZ	ARD CLASSES	(supplie	d by GGFD)			L	TIT EHS IS	Yes', a⊪ a	amounts mu	St De Li	85	13
TY	PE (Check one Kern only)	Ø a. PUF	e Dh	MIXTURE	Пс	WASTE	14	RADIOA	CTIVE	Yes	ГО	KNo 15	CUR	IIES	10		16
PH	YSICAL STATE	a. SOL			C. GAS	17	FED HA		Ď a F			REACTIVE		PRESSUR	//\-	EASE	18
(Ch	eck one item only)						CATEGO	ORIES	_	CUTE HEA			_	CHRONIC			
	ERAGE DAILY	Gal	19 MAXIMU	M DAILY	20 G		0 ANNU	IAL WAS	TE AMOUN	IT		21 STA	TE WAST	TE CODE			22
UN	ITS GALLO	ns 🔲	b. CUBIC FEET		DAYS ON S	-				24	LARG	SEST CONT.	AINER				25
L	c. POUND		d. TONS ounds			36	5						55	G	al		
	ORAGE CONTAINER	1 =	BOVEGROUND T	=	e. PLASTIC E			i. VAT I. FIBER	DRUM		CYLIN	DER CONTAINE		q. TAN		ON	26
167		☐ c. T.	ANK INSIDE BLDO	G 🔲	g. METAL CO		, 🗇	I. BAG(S	3)	□ ∘	PLAST	CONTAIN	ER	S. TOT	E BIN		
STO	DRAGE PRESSURE		a. AMBIEN			. ABOVE	AMBIENT			. BELOW							27
STO	DRAGE TEMPERATUR	E	a. AMBIEN	IT		ABOVE	AMBIENT		c.	BELOW	AMBIE	NT	☐ d. (CRYOGENI	С		28
M	%WT	H/	AZARDOUS	COMPC	ONENT (Fo	or mixtu	re or was	te only)			E	HS			CAS	S #	
1	29							_	30	☐ Yes	3	□ No	31				32
2	29								30	☐ Yes	,	□ No	31				32
3	29								30	☐ Yes		□ No	31				32
4	29	-							30	☐ Yes		□ No	31				32
5	29				····				30	☐ Yes		□ No	31				32
H me	ore hazardous componer	nts are present	at greater than 1%	by weight if					The second second	ch eddition	al shee	ts of paper o	apturing	the required	inform	ation.	
M.	10-72-06-1				PLACA	ARDIN	G INFO	RMA	ION								
UN	DOT#	Not	Pegu	dufe	حل		33					704 HAZ RED) %	ARD D	DIAMONE)		
		Refer	to shipping p	papers or	r MSDS					HEA			λ		ACTIVE		
DO	T HAZARD CLA		Refer to ship	ning no	nere or Mc	ne	34 —			(BLU	E) -			∕ ⊕ (YE	LUW)	' ·	
FD	CRA □ YES		reiei to siliț	shing hat	Jeis OI MIS	000	25		·L		SPECI HAZAF			OX/W.	37		
∟r"	CRA 🗆 YES	□NO					35										
	X	If EP	CRA, Pleas	e Sian H	lere		- 36					Y COPIE Y FORM					
			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							A A P.14	. 911		- MO 14				

Jo: Kevin

Valenite

1675 East Whitcomb Madison Heights, Michigan 48071

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT NAME: VP-TECH

PRODUCT DESCRIPTION: HEAVY DUTY SEMI SYNTHETIC

EFFECTIVE DATE: SEPTEMBER 23, 2006

HMIS RATINGS:
HEALTH |1|
FLAMMABILITY |0|
REACTIVITY |0|
PERSONAL PROTECTION |C|

SECTION 2 - INFORMATION ON INGREDIENTS
THIS INGREDIENT IS CONSIDERED HAZARDOUS UNDER FEDERAL HAZARD COMMUNICATION
STANDARD (29 CFR 1910.1200)

HYDROTREATED NAPTHENIC OIL

CAS# 64742-52-5

5-10 % BY WEIGHT

SEVERELY HYDROTREATED HEAVY NAPTHENIC DISTILLATE

CAS # 64742-52-5

5 - 10% BY WEIGHT

SECTION 3 - FIRST AID & HEALTH HAZARD

EYES: MAY CAUSE SEVERE IRRITATION. IMMEDIATE IRRIGATION WITH WATER FOR AT LEAST 15 MINUTES. PROMPT MEDICAL CONSULTATION IS RECOMMENDED.

SKIN: CONCENTRATE MAY CAUSE SKIN TO BE IRRITATED. RINSE WITH PLENTY OF WATER.

INGESTION: MAY CAUSE G.I. IRRITATION. DO NOT INDUCE VOMITING, DILUTE WITH WATER AND IMMEDIATELY CONTACT PHYSICIAN.

INHALATION: IF IRRITATION, HEADACHE, NAUSEA, OR DROWSINESS OCCURS, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF BREATHING BECOMES DIFFICULT OR SYMPTOMS PERSIST. INHALATION OF DILUTED MIX CAN OCCUR IN APPLICATIONS WHERE HIGH MIST LEVELS ARE GENERATED. OSHA HAS SET A PEL OF 15 mg/m³ FOR ANY AIRBORNE PARTICULATE AS A NUISANCE LEVEL OF EXPOSURE. NIOSH HAS SET AN REL OF 0.5 mg/m³ FOR METALWORKING FLUID MIST. EXTENDED EXPOSURE TO MISTS MAY CAUSE UPPER RESPIRATORY IRRITATION. REMOVE VICTIM TO FRESH AIR, AND ADMINISTER OXYGEN IF NEEDED.

SECTION 4 - FIRE & EXPLOSION DATA

FLASH POINT: N/D

FLAMMABLE LIMITS: LFL: N/D UFL: N/D

EXPLOSION LIMITS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A EXTINGUISHING MEDIA: N/A; NOT A FIRE HAZARD

FIRE FIGHTING PROCEDURES: N/D VAPOR PRESSURE (mm Hg): N/D

SPECIAL FIRE AND EXPLOSION HAZARDS: NONE EXPECTED



SECTION 5 - DISPOSAL & SPILL OR LEAK PROCEDURES

PRODUCT SPILL/LEAK: USE FLOOR DRY, VACUUM UP PRODUCT. THE TRANSPORTATION, STORAGE, TREATMENT AND DISPOSAL OF THIS MATERIAL MUST BE CONDUCTED IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

DISPOSAL: CONTAINERS SHOULD BE CLEANED BY APPROPRIATE METHODS AND THEN REUSED OR DISPOSED OF BY LANDFILL OR INCINERATION AS APPROPRIATE.

SECTION 6 - SPECIAL HANDLING & STORAGE PRECAUTIONS DO NOT FREEZE OR STORE ABOVE 120 (DEG. F). AVOID CONTACT WITH EYES OR PROLONGED CONTACT OF CONCENTRATE WITH SKIN. DO NOT SWALLOW.

SECTION 7 - EXPOSURE CONTROL / PERSONAL PROTECTION

RESPRIATORY PROTECTION: IN APPLICATIONS CONTAINING TIME WEIGHTED EXPOSURES (0.5 TO 5 mg/m^3) NIOSH RECOMMENDS THAT INHALATION CAN BE REDUCED THROUGH IMPROVED VENTILATION OR A MIST COLLECTION PROCESS. IN THE EVENT THAT THESE METHODS ARE NO APPLICABLE NIOSH RECOMMENDS THE USE OF AN AIR PURIFYING HALF-MASK RESPIRATOR, STANDARD OR DISPOSABLE, EQUIPPED WITH ANY P OR R SERIES PARTICULATE FILTER. IF CONTINUOUS EXPOSURE EXCEEDS 5 mg/m^3, IT IS HIGHLY RECOMMENDED BY NIOSH TO USE AN AIR-PURIFYING RESPIRATOR EQUIPPED WITH A HOOD OR HELMET AND A HEPA FILTER. IF PERSISTENT RESPIRATORY PROBLEMS OCCUR WHEN MIST LEVELS ARE LESS THAN 0.5 mg/m^3 IT IS THEN THE INDUVIDUALS RESPONDSIBILITY TO GET A RECOMMENDATION FROM A QUALIFIED HEALTH CARE PROVIDER FOR PERSONALIZED RESPIRATORY PROTECTION.

WARNING: THE PROPER USE AND TYPE OF RESPIRATOR IS THE RESPONSIBILITY OF USER AND IS DEPENDANT ON THE PRODUCT AND OPERATING CONDITIONS. VALENITE IS IN NO WAY RESPONSIBLE FOR IMPROPER USE OF ITS PRODUCT.

VENTILATION: IN GENERAL NORMAL SHOP VENTILATION IS ADEQUATE. IN CERTAIN INSTANCES WHEN HIGH MIST LEVELS OCCUR OR WHEN MACHINES ARE PLACED CLOSE TOGETHER SPLASH GUARDS AND/OR MIST COLLECTORS ARE RECOMMENDED TO AVOID THE POSSIBILITY OF RESPIRATORY IRRITATION.

EYE PROTECTION: PROPER OSHA APPROVED METALWORKING PLANT SAFETY GLASSES ARE REQUIRED WHEN HANDLING THIS PRODUCT AND IT'S CONCENTRATE.

PROTECTIVE CLOTHING OR EQUIPMENT: PROPER OSHA APPROVED METALWORKING PLANT PROTECTIVE CLOTHING AS APPROPRIATE.

PROTECTIVE GLOVES: IMPERVIOUS GLOVES SUCH AS LATEX OR NITRILE GLOVES ARE HIGHLY RECOMMENDED WHEN HANDLING THIS PRODUCT.

SAFETY COMMENTS: NEVER EAT, DRINK, OR SMOKE IN WORK AREAS. PRACTICE GOOD PERSONAL HYGIENE AFTER USING THIS MATERIAL, THIS MEANS WASHING HANDS BEFORE EATING, DRINKING, SMOKING, USING THE TOILET, OR APPLYING COSMETICS.



SECTION 8 - PHYSICAL DATA

BOILING POINT: 200 - 300 F

VAPOR PRESSURE: N/D

SPECIFIC GRAVITY (WATER=1.0): 1.008 +/- 0.02

PERCENT VOLATILE: N/D **EVAPORATION RATE: N/D**

SOLUBILITY IN WATER: COMPLETE

pH (5% SOLUTION): 9.4+/- 0.5 APPEARANCE (NEAT): AMBER

ODOR: MILD

SECTION 9 - REACTIVITY & STABILITY INFORMATION

STABILITY: STABLE UNDER NORMAL CONDITIONS MATERIALS TO AVOID: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION: N/D

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 10 - SHIPPING INFORMATION / PACKAGING SIZE

HAZARD CLASS: NON-HAZARDOUS DOT SHIPPING NAME: NON-HAZARDOUS

UN NUMBER: NON-HAZARDOUS

PACKAGING SIZE: 5 GALLON PAILS, 55 GALLON DRUMS, 275 AND 330 GALLON TOTES, BUILK

TANKER.

SARA III SECTION 313: NONE.

FOR ADDITIONAL INFORMATION PLEASE CALL (248)624-7943.

EMERGENCY (24 HOURS): CHEMTREC 1-800-424-9300

THE INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND IS ACCURATE AS OF THE DATE ISSUED. HOWEVER, SINCE DATA, SAFETY STANDARDS, AND GOVERNMENT REGULATIONS ARE SUBJECT TO CHANGE AND THE CONDITIONS OF HANDLING AND USE ARE OUT OF OUR CONTROL, VALENITE MAKES NO WARRANTY REGARDING THE ACCURACY OF SUCH DATA OR ITS SUITABILITY FOR ANY PURCHASER'S USE OR FOR ANY CONSEQUENCE OF ITS USE. THE DATA IN THIS MSDS RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS. THE CONDITIONS OR METHODS OF HANDLING, STORAGE, USE, AND DISPOSAL 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 DISCLAIM LIABILITY FOR LOSS, DAMAGE, OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH HANDLING, STORAGE, USE, OR DISPOSAL OF THE PRODUCT. VALENITE ASSUMES NO RESPONSIBILITY FOR INJURY TO THE RECIPIENT OR TO THIRD PERSONS OR FOR ANY DAMAGE TO ANY PROPERTY AND THE RECIPIENT ASSUMES ALL SUCH RISKS.

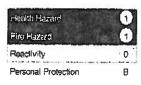


HAZARDOUS MATERIALS INVENTORY FORM

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Nu-Tech Industrial Sales, Inc. Brea, Ca 92822 (714) 671-1623



MATERIAL SAFETY DATA SHEET



HMIS RATING

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: WAY LUBE 32, 68, 150, 220

MSDS NUMBER: A

GENERIC NAME: Petroleum lubricant

DATE ISSUED: 01-01-09

MANUFACTURER: W. S. Dodge Oil Co., Inc.

MANUFACTURER PHONE: 323-583-3478

ADDRESS: 3710 Fruitland Ave.

MANUFACTURER FAX: 323-583-0950

CITY. STATE. ZIP: Maywood, CA 90270-2110

EMERGENCY ONLY (Chemtrec): 800-424-9300

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME

CAS NUMBER

76

TLV

PEL

Mineral oil

64742-54-7

variable

5 mg/m^{3*}

 5 mg/m^3

(Petroleum Hydrocarbon)

*NOTE: TLV/PEL apply when in a mist form.

SECTION III - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Petroleum derived mineral oil of generally low toxicity.

HMIS RATING: Health: 1

Fire: 1

Reactivity: 0

Personal Prot.: B

POTENTIAL HEALTH EFFECTS:

ROUTES OF ENTRY: Inhalation (mist), skin, eyes, ingestion

INHALATION: Inhalation of mists can cause upper respiratory irritation. Inhalation of vapors is not

normally a problem due to the low volatility of this product.

SKIN CONTACT: May cause mild irritation. Repeated, prolonged skin contact may cause dermatitis. Also, the use of abrasive soaps or solvents to clean skin can promote dermatitis.

EYE CONTACT: Mild irritant.

INGESTION: Irritating to the GI tract. May cause nausea, vomiting and diarrhea.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Chronic respiratory or skin diseases.

CARCINOGENICITY: This product is not classified by NTP, IARC or OSHA.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

EYF PROTECTION: Wear safety goggles if splashing or spraying is expected.

SKIN PROTECTION: Wear coated gloves impervious to oils, wash clothing before reuse. Wear shoes with soles which are impervious to oils.

RESPIRATORY PROTECTION: Not normally required. However, when exposures over the PEL/TLV are encountered and engineering or other controls are not adequate to reduce airborne concentrations to below the PEL/TLV, use a half mask respirator with cartridges approved for use with organic vapors.

HYGIENIC PRACTICES: Wash thoroughly before meals, breaks, and at the end of work period. Remove contaminated clothing and launder before reuse. Do not use abrasive soaps or solvents.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Oily liquid

BOILING POINT: > 374°F

EVAPORATION RATE (water = 1): < .01

Vapor Density (air = 1): < .1

SOLUBILITY IN WATER: Negligible

SPECIFIC GRAVITY: .84 to .90

SECTION X - REACTIVITY

STABILITY: Product is stable under normal conditions.

HAZARDOUS POLYMERIZATION: Cannot occur.

INCOMPATIBILITIES: Strong oxidizing agents, KOH, NaOH, NaAlH2, LiAlH2, Chromic Acid.

DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide from burning. When heated to

decomposition, fumes can react with oxidizing materials forming $NO_{x_s}SO_{x_s}$, H_2S .

CONDITIONS TO AVOID: Exposure to strong oxidizers, heat, flame, sources of spark or ignition.

SECTION XI - TOXICOLOGICAL/ECOLOGICAL INFORMATION

ECOLOGICAL HAZARDS: Not determined.

SECTION XII - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Recycle when appropriate. If heavily contaminated or judged unsuitable for recycling, place waste in suitable approved container. Seal and properly label the waste container. Send the container to an approved Transportation. Storage and Disposal (TSD) facility via an approved waste hauler. Be sure manifests have been completed and an adequate "Paper trail" has been established.

SECTION XIII - TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not Regulated

DOT LABEL: None

DOT HAZARD CLASS: None

UN/NA NUMBER: None

PACKAGING GROUP: None

FLAMMABILITY CLASS: N/A

SECTION XIV - REGULATORY INFORMATION

OSHA STATUS: This product is considered hazardous under OSHA criteria (see Section II).

TSCA STATUS: Components of this product are included in the TSCA Chemical Inventory.

CERCLA REPORTABLE QUANTITY: N/A

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS: This product contains no extremely hazardous substances as defined and listed in section #302

SECTION 311/312 HAZARD CATEGORIES: Reportable as a hazardous substance. Check with your Local Emergency Planning Committee for reportable quantities.

SECTION 313 TOXIC CHEMICALS: This product is not reportable under Section #313.

SECTION XV - APPROVALS

REASON FOR ISSUE: General update, change in phone numbers

PREPARED BY: Anne Marie Downs

TITLE: Vice President

APPROVAL DATE: 01-01-09

SUPERSEDES: All previous versions

SECTION XVI - DISCLAIMER

AS OF THE DATE OF THIS DOCUMENT, THE FOREGOING INFORMATION IS BELIEVED TO BE ACCURATE AND IS PROVIDED IN GOOD FAITH TO COMPLY WITH APPLICABLE FEDERAL AND STATE LAWS. HOWEVER, NO WARRANTY OR REPRESENTATION OF LAW OR FACT. WITH RESPECT TO SUCH INFORMATION, IS INTENDED OR GIVEN.



HAZARDOUS MATERIALS INVENTORY FORM

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EXonMobil

600148-00 MOBIL DTE OIL LIGHT MATERIAL SAFETY DATA BULLETIN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MOBIL DTE OIL LIGHT
SUPPLIER: EXXONMOBIL OIL CORPORATION
3225 GALLOWS RD.
FAIRFAX, VA 22037

24 - Hour Health and Safety Emergency (call collect): 609-737-4411

24 - Hour Transportation Emergency: CHEMTREC: 800-424-9300 202-483-7616 LUBES AND FUELS: 281-834-3296

Product and Technical Information:

Lubricants and Specialties: 800-662-4525 800-443-9966

Fuels Products: 800-947-9147 MSDS Fax on Demand: 613-228-1467

MSDS Internet Website: http://emmsds.ihssolutions.com/

2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: PET. HYDROCARBONS AND ADDITIVES

GLOBALLY REPORTABLE MSDS INGREDIENTS:

None.

See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

Under normal conditions of use, this product is not considered hazardous according to regulatory guidelines (See section 15).

EMERGENCY OVERVIEW: Light Amber Liquid. DOT ERG No.: NA

POTENTIAL HEALTH EFFECTS: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation.

For further health effects/toxicological data, see Section 11.

4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.

SKIN CONTACT: Wash contact areas with soap and water. Remove and clean oil soaked clothing daily and wash affected area. (See Section 16 - Injection Injury)

INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea, or unconsciousness occurs due to excessive vapor or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or mouth-to-mouth resuscitation.

INGESTION: Not expected to be a problem. Seek medical attention if discomfort occurs. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothing.

Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

Flash Point C(F): > 93(200) (ASTM D-93).

Flammable Limits (approx.% vol.in air) - LEL: 0.9%, UEL: 7.0% NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:
LAND SPILL: Shut off source taking normal safety precautions. Take
measures to minimize the effects on ground water. Recover by
pumping or contain spilled material with sand or other suitable
absorbent and remove mechanically into containers. If necessary,
dispose of adsorbed residues as directed in Section 13.
WATER SPILL: Confine the spill immediately with booms. Warn other

ships in the vicinity. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.

ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.

PERSONAL PRECAUTIONS: See Section 8

7. HANDLING AND STORAGE

HANDLING: No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.

STORAGE: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.

SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.

EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

When mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist) - ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist) - ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) - OSHA Permissible Exposure Limit (PEL)

VENTILATION: If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits.

RESPIRATORY PROTECTION: If mists are generated, and/or when ventilation is not adequate, wear approved respirator.

EYE PROTECTION: If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.

SKIN PROTECTION: Not normally required. When splashing or liquid contact can occur frequently, wear oil resistant gloves and/or other protective clothing. Good personal hygiene practices should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet

for specific details.

APPEARANCE: Liquid COLOR: Light Amber

ODOR: Mild

ODOR THRESHOLD-ppm: NE

pH: NA

BOILING POINT C(F): > 316(600)

MELTING POINT C(F): NA

FLASH POINT C(F): > 93(200) (ASTM D-93)

FLAMMABILITY (solids): NE AUTO FLAMMABILITY C(F): NA EXPLOSIVE PROPERTIES: NA OXIDIZING PROPERTIES: NA

VAPOR PRESSURE-mmHg 20 C: < 0.1

VAPOR DENSITY: > 2.0 EVAPORATION RATE: NE

RELATIVE DENSITY, 15/4 C: 0.869 SOLUBILITY IN WATER: Negligible PARTITION COEFFICIENT: > 3.5

VISCOSITY AT 40 C, cst: 32.0

VISCOSITY AT 100 C, cSt: 5.5

POUR POINT C(F): < -6(21)

FREEZING POINT C(F): NE

VOLATILE ORGANIC COMPOUND: NE

DMSO EXTRACT, IP-346 (WT.%): <3, for mineral oil only NA-NOT APPLICABLE NE-NOT ESTABLISHED D-DECOMPOSES

FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.

CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.

HAZARDOUS POLYMERIZATION: Will not occur-

11. TOXICOLOGICAL DATA

---ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.

DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.

INHALATION TOXICITY (RATS): Practically non-toxic (LC50: greater than 5 mg/l). ---Based on testing of similar products and/or the components.

EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less). ---Based on testing of similar products and/or the components.

SKIN IRRITATION (RABBITS): Fractically non-irritating. (Primary

- MOBILITY: When released into the environment, adsorption to sediment and soil will be the predominant behavior.
- PERSISTENCE AND DEGRADABILITY: This product is expected to be inherently biodegradable.
- BIOACCUMULATIVE POTENTIAL: Bioaccumulation is unlikely due to the very low water sclubility of this product, therefore bioavailability to aquatic organisms is minimal.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

RCRA INFORMATION: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity. The unused product is not formulated with substances covered by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

14. TRANSPORT INFORMATION

USA DOT: NOT REGULATED BY USA DOT.

RID/ADR: NOT REGULATED BY RID/ADR.

IMO: NOT REGULATED BY IMO.

IATA: NOT REGULATED BY IATA.

STATIC ACCUMULATOR (50 picosiemens or less): YES

15. REGULATORY INFORMATION

US OSHA HAZARD COMMUNICATION STANDARD: When used for its intended purposes, this product is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

EU Labeling: Product is not dangerous as defined by the European Union Dangerous Substances/Preparations Directives. EU labeling not required.

- Governmental Inventory Status: All components comply with TSCA, EINECS/ELINCS, AICS, and DSL.
- U.S. Superfund Amendments and Reauthorization Act (SARA) Title III: This product contains no "EXTREMELY HAZARDOUS SUBSTANCES".

SARA (311/312) REPORTABLE HAZARD CATEGORIES: None.

This product contains no chemicals subject to the supplier notification requirements of SARA (313) toxic release program.

THIS PRODUCT HAS BEEN AUTHORIZED BY USDA FOR USE UNDER THE FOLLOWING CATEGORY: This product is acceptable as a lubricant where there is no possibility of food contact (complies with earlier USDA guidelines for H-2 lubricant use).

The following product ingredients are cited on the lists below:

CHEMICAL NAME

CAS NUMBER

LIST CITATIONS

PHOSPHORODITHOIC ACID, 0,0-DI

68649-42-3 22

C1-14-ALKYL ESTERS, ZINC SALTS (2:

1) (ZDDP) (0.07%)

1=ACGIH ALL 6=IARC 1 11=TSCA 4 16=CA P65 CARC 21=LA RTK 2=ACGIH A1 7=IARC 2A 12=TSCA 5e2 17=CA P65 REPRO 22=MI 293 3=ACGIH A2 8=IARC 2B 13=TSCA 5e 18=CA RTK 23=MN RTK 4=NTP CARC 9=OSHA CARC 14=TSCA 6 19=FL RTK 24=NJ RTK 5=NTP SUS 10=OSHA Z 15=TSCA 12b 20=IL RTK 25=PA RTK 26=RI RTK

Code key: CARC=Cercinogen; SUS=Suspected Carcinogen; REPRO=Reproductive

16. OTHER INFORMATION

USE: LUBRICANT

NOTE: PRODUCTS OF EXXON MOBIL CORPORATION AND ITS AFFILIATED COMPANIES ARE NOT FORMULATED TO CONTAIN PCBS.

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for other applications. In any case, the following advice should be considered:

INJECTION INJURY WARNING: If product is injected into or under the skin,

or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INDUSTRIAL LABEL

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures. First Aid: Wash skin with soap and water. Flush eyes with water. If overcome by fumes or vapor, remove to fresh air. If ingested do not induce vomiting. If symptoms persist seek medical assistance. Read and understand the MSDS before using this product.

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or retransmission of this document, in whole or in part, is not permitted. Exxon Mobil Corporation and its affiliated companies assume no responsibility for accuracy of information unless the document is the most current available from an official ExxonMobil distribution system. Exxon Mobil Corporation and its affiliated companies neither represent nor warrant that the format, content or product formulas contained in this document comply with the laws of any other country except the United States of America.

Prepared by: ExxonMobil Oil Corporation Environmental Health and Safety Department, Clinton, USA



HAZARDOUS MATERIALS INVENTORY FORM

FORM 3

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Ultra Coolant™

MATERIAL SAFETY DATA SHEET

Effective Date: 01/01/08

1. PRODUCT NAME AND INFORMATION:

Ultra Coolant synthetic coolant is specifically formulated for use in Ingersoll Rand rotary air compressors.

Mixture-Chemical Family: Inhibited polyoxyalkylene glycol/pentaerythritol ester blend

24-Hour Emergency Phone Number:

1-989-636-4400

2. COMPOSITION/INFORMATION ON INGREDIENTS

Blend containing a polyoxyalkylene glycol, a pentaerythritol ester, and other components.

3. HAZARDOUS IDENTIFICATION

Emergency Overview

Light amber liquid. Low odor. No significant immediate hazards for emergency response are known. POTENTIAL HEALTH EFFECTS (See Section 11 for toxicological data)

EYE: Essentially nonirritating to eyes.

SKIN: Short single exposure may cause slight skin irritation. Prolonged or repeated exposure may cause slight skin irritation. Material may be handled at elevated temperatures; contact with heated material may cause thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

INGESTION: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may

INHALATION: At room temperature, vapors are minimal due to physical properties; a single exposure is not likely to be hazardous. If material is heated or mist is produced, concentrations may be attained that are sufficient to cause irritation and other effects.

SUBCHRONIC: Observations in animals exposed to excessive amounts of similar polyglycose include slight kidney and liver effects.

4. FIRST AID:

EYE: Flush eyes with plenty of water.

SKIN: Wash off in flowing water or shower.

INGESTION: If swallowed, seek medical attention. Do not induce vomiting unless

directed to do so by medical personnel.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination.

No specific antidote. Supportive care. Treatment based on judgment of the physician in

response to reaction of the patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: 410F, 210C, 520F, 271C

METHOD USED: PMCC; COC

AUTOIGNITION TEMPERATURE: Not determined.



Ultra Coolant™

FLAMMABILITY LIMITS

LFL: Not determined. UFL: Not determined.

HAZARDOUS COMBUSTION PRODUCTS: During a fire, smoke may contain the original material in addition to unidentified toxic and/or irritating compounds. Hazardous combustion products may include and are not limited to: carbon monoxide, carbon dioxide.

OTHER FLAMMABILITY INFORMATION: Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. Spills of these organic liquids on hot fibrous insulations may lead to lowering of the autoignition temperatures possibly resulting in spontaneous combustion.

EXTINGUISHING MEDIA: Water fog or fine spray, carbon dioxide, dry chemical, foam. Alcohol resistant foams (ATC type) are preferred if available. General purpose synthetic foams (including AFFF) or protein foams may function, but much less effectively. Do not use direct water stream. Will spread fire.

MEDIA TO BE AVOIDED: Do not use direct water stream.

FIRE FIGHTING INSTRUCTIONS: Keep people away. Isolate fire area and deny unnecessary entry. Burning liquids may be move by flushing with water to protect personnel and minimize property damage. Avoid accumulation of water. Product may be carried across water surface spreading fire or contacting an ignition source. Do not use direct water stream. May spread fire.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. **ACCIDENTAL RELEASE MEASURES:** (See Section 15 for Regulatory Information) **PROTECT PEOPLE**: Isolate area. May be slipping hazard.

PROTECT THE ENVIRONMENT: Contain liquid to prevent contamination of soil, surface water or ground water.

CLEANUP: Contain spill if possible.

7. HANDLING AND STORAGE

HANDLING: Product on surfaces can cause slippery conditions. Product shipped/handled hot can cause thermal burns. Product handled hot may require additional ventilation or local exhaust.

STORAGE: Keep containers tightly closed when not in use. Store in steel, stainless steel, polypropylene, polyethylene lined containers, Teflon, glass-lined container, aluminum, Plasite 3066 lined containers, Plasite 3070 lined containers, or 316 stainless steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

ENGINEERING CONTROLS: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations. **PERSONAL PROTECTIVE EQUIPMENT:**

EYE/FACE PROTECTION: Use safety glasses.

SKIN PROTECTION: Use gloves impervious to this material. Use gloves with insulation for thermal protection, when needed.

RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use an approved air-purifying



Ultra Coolant™

respirator.

EXPOSURE GUIDELINES: None established.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: Light amber liquid.

ODOR: Low odor.

VAPOR PRESSURE: <0.01 mmHg @ 20C

VAPOR DENSITY: Not determined. **BOILING POINT**: Not applicable.

SOLUBILITY IN WATER/MISCIBILITY: <1 gm/100 gm SPECIFIC GRAVITY OR DENSITY: 0.9850 @ 25/25C

10. STABILITY AND REACTIVITY

CHEMICAL STABILTIY: Thermally Stable at typical use temperatures.

CONDITIONS TO AVOID: Active ingredient decomposes at elevated temperatures. Product can decompose at elevated temperatures.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with oxidizing materials. Avoid contact with strong acids.

HAZARDOUS DECOMPOSTION PRODUCTS: Hazardous decomposition products depend upon temperature, air supply and the presence of other materials. Hazardous decomposition products may include and are not limited to: carbon dioxide, carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. **TOXICOLIGICAL INFORMATION:** (See Section 3 for Potential Health Effects. For detailed toxicological data, write or call the address or emergency number shown in Section 1) **ACUTE**

SKIN: The LD50 for skin absorption in rabbits is greater than 2000 mg/kg. Did not cause allergic skin reaction when tested in guinea pigs.

INGESTION: The oral LD50 for rats is greater than 2000 mg/kg.

12. ECOLOGICAL INFORMATION: (For detailed Ecological data, call the phone number shown in Section 1)

ENIRONMENTAL FATE:

DEGRADATION & TRANSFORMATION: Biodegradation under aerobic static laboratory conditions is moderate (BOD20 or BOD28/ThOD between 10 and 40%). 5-day biochemical oxygen demand (BOD5) is 0.12 p/p. 10-day biochemical oxygen demand (BOD10) is 0.18 p/p. 20-day biochemical oxygen demand (BOD20) is 0.23 p/p. 28-day biochemical oxygen demand (BOD28) is 0.73 p/p. Theoretical oxygen demand (ThOD) is calculated to be 2.37 p/p. Material considered biodegradable based on 83% DOC disappearance in the EPA Aerobic Aquatic Biodegradation test.

ECOTOXICITY: Material is moderately toxic to aquatic organisms on an acute basis (LC50 between 1 and 10 mg/L in most sensitive species). Acute LC50 for fathead minnow (Pimephales promelas) is 73.7 ppm. Acute LC50 for Daphinia pulex is 4.6 ppm.



Ultra Coolant_™

13. DISPOSAL CONSIDERATIONS (See Section 15 for Regulatory Information)

Disposal: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND OR INTO ANY BODY

OF WATER. All disposal methods must be incompliance with all Federal, State/Provincial and
local laws and regulations. Regulations may vary in different locations. Waste
characterizations and compliance with applicable laws are the responsibility
solely of the waste generator. THE DOW CHEMICAL COMPANY HAS NOT

CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES
OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED
HERE PERATINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION
AS DESCRIBED IN MSDS SECIONT 2 (COMPOSITION/INFORMATION ON
INGREDIENTS). FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options
include sending to a licensed, permitted: recycler, reclaimer, incinerator or other thermal
destruction device.

14. TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (D.O.T.):

This product is not regulated by D.O.T. when shipped domestically by land.

15. REGULATORY INFORMATION: (Not meant to be all-inclusive – selected regulations represented.

16. ADDITIONAL INFORMATION

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See other sections for health and safety information.

U.S. Regulations

SARA 313 INFORMATION: To the best of our knowledge, this product contains no chemical

subject to SARA Title III Section 313 supplier notification requirements.

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories. Not to have met any hazard category.

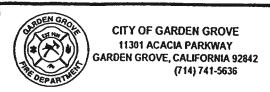
TOXIC SUBSTANCES CONTROL ACT (TSCA): All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

STATE RIGHT-TO-KNOW: This product is not known to contain any substances subject to the disclosure requirements of New Jersey & Pennsylvania.

OSHA HAZARD COMMUNICATION STANDARD: This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Note: This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Ingersoll-Rand's knowledge or obtained from sources believed by Ingersoll-Rand to be accurate, and Ingersoll-Rand does not assume any legal responsibility for use or reliance upon same. Customers are encouraged to conduct their own tests. Before using any product, READ ITS LABEL.





CUPA

BUSINESS ACTIVITIES

				Page_1 of	
I. FACILITY		Service of the service of the	124		1
FACILITY ID# 3 0 0 3 5	. EPA ID	# (Hazard	ous V	Vaste Only)	2.
	1 0	ALDO	003	513794	
BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Busines	s As)				3.
. 1 1		,			
Aero Pynamic Mac	NHLH	4 l	iL.		
II. ACTIVI	IES DECL	AMATION			
NOTE: If you check	YES to	any pa	rt of	this list,	
please submit the Business	Owner/	Operate	or Id	entification page	
Does your facility		*** ** * * * * * * * * * * * * * * * * *	and the same	THE REPORT OF THE PARTY OF THE	- 4
A. HAZARDOUS MATERIALS	 	n res, pi	ease	complete these pages of the UPCF	
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the 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		Пио	4.	✓ HAZARDOUS MATERIALS INVENTORY CHEMICAL DESCRIPTION (Form 3)	-
required pursuant to 10 CFR Parts 30, 40 or 70? B. UNDERGROUND STORAGE TANKS (USTs)	 				
Own or operate underground storage tanks?	Dyes	red	_		
Omi of operate underground storage talks?	YES	ГУпо	5.	1 Controller (Control of Control of Control	
2. Intent to upgrade existing or install new USTs?	☐ YES	OHICI	6	✓ UST TANK (one page per tank) (Formerly Form	B)
			V.	✓ UST TANK (one per tank)	
				✓ UST INSTALLATION - CERTIFICATE OF	
	l			COMPLIANCE (one page per tank) (Formerly	
3. Need to report closing a UST?	L	- toh	_	Farm C)	
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)	YES	NO	7.	✓ UST TANK (closure portion-one page per tank)	
Own or operate ASTs above these thresholds:					
- any tank capacity is greater than 660 gallons, or	YES	PANO	8.	✓ NO FORM REQUIRED TO CUPAS	
 the total aggregate capacity for the entire facility (ASTs, drums and 		E POO	٠.	WO FORM REQUIRED TO COPAS	
portable containers) greater than 1,320 gallons?					
D. HAZARDOUS WASTE 1. Generate hazardous waste?					-
 Generate hazardous waste? Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)? 	YES YES	□ NO	9. 10.	 ✓ EPA ID NUMBER - provide at the top of this pa ✓ RECYCLABLE MATERIALS REPORT (one per recycler) 	ige
3. Treat hazardous waste on site?	☐ YES	₽ио	11.	✓ ONSITE HAZARDOUS WASTE TREATMENT - FACILITY	
				(Formerly DTSC Forms 1772)	
				✓ ONSITE HAZARDOUS WASTE	
				TREATMENT - UNIT (one page per unit)	
4. Treatment subject to financial assurance requirements (for Domis by	_		1	(Formerly DTSC Forms 1772A,B,C,D and L)	- 1
4. Treatment subject to financial assurance requirements (for Permit by Rule and Condition Authorization)?	YES	MO	12.	✓ CERTIFICATION OF FINANCIAL ASSURANCE (Formation DESC)	١
5. Consolidate hazardous waste generated at a remove site?	YES	MO	13.	ASSURANCE (Formerly DTSC Form 1232) ✓ REMOTE WASTE/CONSOLIDATION SITE	
•		-		ANNUAL NOTIFICATION (Formerly DTSC	
S. Mandan in 1911				Form 1196)	1
5. Need to report the closure/removal of a tank that was classified waste and cleaned onsite?	☐ YES	MO	14.	✓ HAZARDOUS WASTE TANK CLOSURE	
			[CERTIFICATION (Formerly DTSC Form 1249)	
E. LOCAL REQUIREMENTS					\neg
Cal-ARP: California Accidental Release Prevention Program	YES	PYNO	15.	✓ REGULATED SUBSTANCE REPORTING	
H&SC Chapter 6.95, Article 2, §25531 et seq	_		- 1	FORM (Orange County CUPA)	
 Stationary Source with more than a Threshold Quantity of a Regulated Substance in a Process 					
					- 1

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM

BUSINESS EMERGENCY PLAN

Personnel Emergency Notifications and Responsibilities

Employee	Evacuation	and	Stading	Areac:
<u> LIIIDIUYEE</u>	Lvacuation	anu	Staying	Aleas:

	projec Evacuation and Stagning Areas.			
1. The type of alarm signal that will be used to initiate an evacuation facility (vocal, paging system, manual alarm, etc.).				
	Paging System & vocal			
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:			
	South East side of building in parking lot.			
<u>Em</u> p	ployee Responsibilities:			
At l	east one employee shall be responsible for the following minimum requirements ne 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 area available at your business. (List below any mitigation procedures specific to your business, if any.)			

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM

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 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	911
Office of Emergency Services (OES)	(800) 852-7550 or
	(916) 427-4341
National Response Center	(800) 424-8802
National Response Center	(916) 427-4341

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM

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 of 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:
	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.
	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.

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.

- 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.

Front	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.

Signature:

Name:

Title:

Date:

7-21-10

HAZ BUS DISCL SHORT VER



11791 Monarch Street, Garden Grove CA. 92841 www.aerodynamicinc.com

714-379-1073 fax 714-379-1083

BUSINESS EMERGENCY PLAN





CITY OF GARDEN GROVE FIRE DEPARTMENT

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

Hazardous Materials Business Information Form

)	Pa	ige of 3
BUSINESS I	NFORMATION	
FACILITY # 3 0 0 3 5 (Supplied by GGFD)	BEGINNING DATE 1	ENDING DATE 2
BUSINESS NAME AERO DYNAMIC MACH	INING INC 4	BUSINESS PHONE 5 714-379-1073
BUSINESS SITE ADDRESS 11791 MONARCH STREE	<u> </u>	6
GARDEN GROVE	7 STATE 8 CA	92841
DUN & BRADSTREET Ø54457184	10 SIC CODE (4 DIGIT #) 11	FIRE DISTRICT 12
COUNTY ORANGE		13
BUSINESS OPERATOR NAME	14	15
BUSINES	SS OWNER	(2) 等,"不是"的"是"。 (2) 第一个第一个第一个第一个第一个第一个第一个第一个第一个第一个第一个第一个第一个第
OWNER NAME	16	17
OWNER MAILING ADDRESS		18
CITY	19 STATE 20	^{21P} 92648 ²¹
ENVIRONMEN	NTAL CONTACT	
CONTACT NAME KEITH YOUNG	22	CONTACT PHONE 23 714-379-1073
CONTACT MAILING ADDRESS 11791 MONARCH STRE		24
GARDEN GROVE	25 STATE 26	^{21P} 92841 27
	CY CONTACTS	SECONDARY
NAME WENDY NGUYEN 28	NAME KEVIN TR	
DWNER 29	TITLE PC MANA	GER 34
BUSINESS PHONE 714-379-1073 × 207 30	BUSINESS PHONE 714 - 379 - 10	
24-HR. PHONE 31	CAL	36
PAGER# 32	PAGER#	37
DESCRIPE THE TYPE OF PHANKED OPERATION	OLLECTED INFORMATION	
DESCRIBE THE TYPE OF BUSINESS OPERATION: AEROSPACE MAC		TOTAL# OF EMPLOYEES 52 39
BILLING ADDRESS (IF DIFFERENT FROM ABOVE) SAME	40	41
	MONARCH STREET 43	44
Certification: Based on my inquiry of those individuals responsi have personally examined and am/familiar with the information sub	ble for obtaining the information, I comitted and believe the information is t	rtify under penalty of law that I rue, accurate, and complete.
SIGNATURE OF OWNER/OF PRATOF OR DESIGNATED REPRESENTATIVE	45	DATE 8-15-07 46
NAME OF SIGNER (print) 47	NAME OF DOCUMENT PREPARER (print	9
TITLE OF SIGNER OWNER 48	TITLE OF DOCUMENT PREPARER	IERAL MANAGER

THE DEPARTMENT

HAZARDOUS MATERIALS INVENTORY FORM

FORM 3

DEPARTME	1
ADD DELETE REVISED 1	Page \int of $\frac{2}{2}$ 2
FACILITY ID# 3 0 0 3 5 38 BUSINESS NAME	RO DYNAMIC MACHINING 3
I. FACILITY INFORMAT	
CHEMICAL LOCATION YARD (SW 51DE)	4
CONFIDENTIAL LOCATION Yes No 5 MAP #	6 GRID# A8 7
II. CHEMICAL INFORMA	ATION
CHEMICAL NAME NOW - RCRA HAZ WASTE WAS	165 MO
COMMON NAME OILY WATER	9 An EHS Chemical Yes 12
CAS # 10 FIRE CODE HAZARD CLASSES (supplied by GGFD)	"If EHS is "Yes", all amounts must be LBS
TYPE (Check one dem only) a PURE b MIXTURE WASTE 14 RADIOA	TIES AND IS SOMES NIK IS
PHYSICAL STATE a. SOLID b. LIQUID c. GAS 17 FED HAZARD CATEGORIES	a FIRE b REACTIVE c. PRESSURE RELEASE 18
AVERAGE DAILY 55 19 MAXIMUM DAILY 500 20 JANNUAL WAS	d. ACUTE HEALTH e. CHRONIC HEALTH
	TE AMOUNT 21 STATE WASTE CODE 223 22
UNITS	LARGEST CONTAINER 25 500 SE GAL.
STORAGE CONTAINER ABOVEGROUND TANK PLASTIC DRUM	☐ m CYLINDER ☐ q. TANK WAGON 26
TANK INSIDE BLDG g METAL CONTAINER l BAG(5	R DRUM
STEEL DRUM h. CARBOY I BOX(S	
STORAGE PRESSURE a AMBIENT b ABOVE AMBIENT	☐ c BELOW AMBIENT 27
STORAGE TEMPERATURE b ABOVE AMBIENT b ABOVE AMBIENT	☐ c BELOW AMBIENT ☐ d. CRYOGENIC 28
%WT HAZARDOUS COMPONENT (For mixture or waste only,) EHS CAS#
1 100 29 COOLANT OIL	30 Yes YOO 31 64741-96-32
2 29	30 Yes No 31
3 29	30 Yes No 31 32
4 29	30 ☐ Yes ☑ No 31 32
5 29	30 Yes No 31 32
If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcin	
PLACARDING INFORMA	HON
UNDOT# NOT KEGULATED 33	NFPA 704 HAZARD DIAMOND
Refer to shipping papers or MSDS	FIRE (RED) REACTIVE
DOT HAZARD CLASS34	HEALTH (BLUE) (YELLOW)
Refer to shipping papers or MSDS	SPECIAL WHITE OX 7AV 17
PCRA PES NO 35	UA/W
x	MAKE AS MANY COPIES OF CHEMICAL
If EPCRA, Please Sign Here	INVENTORY FORM AS NEEDED

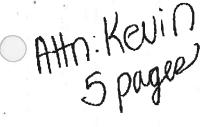
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GENERATOR		2.												
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П														
П	15.	GENERATOR'S/OFFERO	R'S CERTIFICATIO	ON: I hereby declare to	hat the contents of the	nis consignment an	e fully and accura	tely des	scribed above	e by the proper shi	ipping name	, and are clas	sified, packa	aged,
П	4	marked and labeled/placan Exporter, I certify that the c	contents of this cons	signment conform to th	e terms of the attact	hed FPA Acknowler	dament of Conse	of			If export sh	ipment and I a	un the Prima	ary
П	Gene	I certify that the waste mini	mization statement oed Name	identified in 40 CFR 2	62.27(a) (if I am a la	rge quantity general Signa		n a sma	il quantity ge	nerator) is true.		Mon	th Day	Veen
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쭚		Bill Ogle ((Driver)			1	5.	_ (7	-		l ,	l Lay	10 7
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SHOEN GROUP

HAZARDOUS MATERIALS INVENTORY FORM

FORM 3

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F/	ACILITY ID# 3 0	0 3 5		38	BUSINESS NAM	AERO	DYN	AMIC	MACH	MING	3
				I. FA	CILITY INF	ORMATION					
C	HEMICAL LOCATION	Y	ARD	(SW	SIDE	=)					4
	ONFIDENTIAL LOCATIO)N	Yes	No 5	MAP#	1	6	GRID#	BB		7
				II. CH	EMICAL IN	FORMATION					
L	HEMICAL NAME HIGHLY	REFIN	ED PETY	20LEVM	OIL	WASTE	Yes 8		RET	Yes No	11
C	OMMON NAME	OOLAI	JT,	MACHIN	ING		9	An Ens Cher		Yes No	12
CA	64741-	96-4	10 FIRE CODE	HAZARD CLASSES	supplied by GGF	D)		T TEHS IS TE	s", all amounts n	lust be LBS	13
F	PE (Check one item only)	a PURE	☐ b MIXTUR	E CV	/ASTE 14	RADIOACTIVE	Yes	No 15	CURIES	J/A	16
PH	HYSICAL STATE heck one item only)	a SOLID	P FIGUID	☐ c GAS		AZARD GORIES	FIRE :	REACTIVE	C PRESSU	JRE RELEASE	18
			1			d.	ACUTE HEALTH	1	e CHRON	IC HEALTH	
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ST	ORAGE PRESSURE	1	a. AMBIENT	☐ b.	ABOVE AMBIEN	NT 🗆	c. BELOW AME	BIENT			27
ST	ORAGE TEMPERATUR	E >	a AMBIENT		ABOVE AMBIEN	vT 🔲	c. BELOW AME	BIENT	d CRYOGE	NIC	28
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1	29		·····			30	☐ Yes	□ No	31		32
2	29			v .		30	☐ Yes	□ No :	31		32
3	29					30	☐ Yes	□ No :	31		32
4	29					30	☐ Yes	□ No :	31		32
5	29					30	☐ Yes		31		32
II M	ore hazardous componei	nts are present at gi	eater than 1% by wel			ght if carcinogenic, a ORMATION	tach additional s	heets of paper ca	pturing the requi	red information.	
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Nu-Tech Industrial Sales MATERIAL SAFETY DATA SHEET

Date: July 2006

Section I

Product Information

Manufacturer:

Chem Arrow Corporation International

13643 Live Oak Lane

NUTELH

Irwindale, California 91706, USA

Telephone: (626) 358 -2255 Fax: (626) 359-8190

Product:

Nu-Tech 20647 Soluble Metalworking Lubricant

Chemical Name:

Highly Refined Petroleum Oil with Lubricity Additives & Emulsifying

Agents

Chemical Family: (Petroleum Hydrocarbo

Formula:

20647

Section II		Hazard	ous Ingredients
Chemical Name	CAS Number	OSHA PEL	ACGIH TLV

Highly Refined Petroleum Oil

134741 -96-4

5mg/m3

5mg/m3

Other than the ingredients listed above, this product contains no other ingredients known to be hazardous as defined in OSHA 29 CFR 1910.1000 (Subpart Z). OSHA 29 CFF 1910.1200, The National Fire Protection Association List of Hazardous Substances, and the California general Incustry Safety Order 5194.

D.O.T. Classification: Not Regulated

Nu-Tech Industrial Sales

MATERIAL SAFETY DATA SHEET

Nu-Tech 20647

Section III Physical Data

Melting Point F: N/A Boiling Point F: 500

Vapor Pressure: N/A Vapor Density (Air=1): Heavier

Solubility In Water: Forms Emulsion Specific Gravity (H₂0=1): 0.93

Evaporation Rate (Ether=1): N/A Percent Volatile by Volume: N/A

Appearance and Odok Clear Blue Liquid, Characteristic Odor.

Section IV Fire and Explosion Data

Extinguishing Media: Regular Foam or Carbon Dioxide or Dry Chemical.

Unusual Fire & Explosion Hazards: N/A.

Fire Fighting Procedures: Use regular procedure

Flash Point (Method Used): COC, 300°F

Flammable Limits: Lower Limit: N/A Upper Limit: N/A

Section V Health Hazard Information

Routes of Exposure and Effects of Overexposure:

Inhalation: TLV for this product has not been established.

Skin Contact: Repeated or prolonged contact may cause irritation.

Skin Absorption: Not expected to occur.

Eye Contact: This product may cause eye irritation.

Ingestion: Oral LD50 has not been established. Do not ingest.

Emergency First Air Procedures:

Eye Contact: Flush the affected area with water for at least 15 minutes. If irritation develops,

seek medical attention.

Skin Contact: Cleanse the affected areas with soap and water. If redness or irritation

develops seek medical attention.

Nu-Tech Industrial Sales MATERIAL SAFETY DATA SHEET

Nu-Tech 20647

Section V II

Special Handling Information

Ventilation: General mechanical ventilation may be adequate but if misting occurs, provide local ventilation.

Protective Gloves: The use of neoprene gloves which are impermeable is recommended.

Eye Protection: Recommend safety goggles or face shield.

Other Protective Equipment: It is recommended that are emergency shower and eyewash be available in the work area.

AVOID CONTACT WITH THE EYES AND BREATHING MISTS. WASH CONTAMINATED CLOTHING BEFORE USING. DO NOT TAKE INTERNALLY.
KEEP DRUMS CLOSED WHEN NOT IN USE, BRING PRODUCT TO ROOM TEMPERATURE BEFORE USING.

Nu-Tech Industrial Sales MATERIAL SAFETY DATA SHEET

Nu-Tech 20647

Section V

Health and Hazard Information Continued

inhalation: If irritation occurs, remove to fresh air, avoid further inhalation.

Ingestion: Seek medical attention. Chronic Effects of Overexposure:

Prolonged or repeated skin contact may cause dermatitis (skin irritation). This product is not listed as, or anticipated to be a potential carcinogen by the National Toxicology Program (NTP), International Agency for Research on Cancer (IAFIC) or the Occupational Safety and Health Administration (OSHA).

Acute Toxicological Properties: No data available.

Routes of Entry: Ingestion and if a mist is generated, inhalation.

Target Organ (s): Skin. Respiratory tract if a mist is generated (the respiratory tract

May become irritated).

Section VI

Reactivity Data

Stability: Stable

Incompatibility: Avoid contact with strong oxidizing agents such as oxygen.

Hazardous Decomposition Products: Oxicles of carbon.

Hazardous Polymerization: Will not occur

Section VII

Special Handling Information

Steps to be taken for Spills and/or Disposal: Pick up large spills with vacuum trucks or pumps. Absorb small spills/leaks with oil absorbent. Follow local, state and federal regulations regarding disposal.

THE DEPARTMENT

HAZARDOUS MATERIALS INVENTORY FORM

FORM 3

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>	ADD		DELETE	[REVISED							Page	<u> </u>	of _	<u> </u>
FACILITY ID# 3	0 0 3	5			38					DYN	AMIC	Mi	ACHIN	ころへ	٤ .
					I. FA	CILIT	Y INFO	RMAT	ION						
CHEMICAL LOCATIO	N .	YA	RD	(5	W S	IDE	=)								.4
CONFIDENTIAL LOCA	ATION		☐ Ye	· 🗶	No 5	MAP#	1				6 GRID#	B	8		7
					II. CH	EMIC	AL INFO	RMA	TION						
CHEMICAL NAME	ARROU	J	601	HYD	RAUL	16	OIL	WAS	LE [Yes	8 TRADE S		☐ Ye	.s >	No 11
COMMON NAME	01							<u> </u>			9 An EHS C		instructions Ye	ıs D	No 12
CAS#	4 - 2 -		10 FIRE COI	DE HAZAF	RD CLASSES	(supplied	by GGFD)				*If EHS is	"Yes", all	amounts must	be LBS	13
6474	12-57	<u>-C</u>)											,	
TYPE (Check one item on	β PU	RE	□ ь. міхт	TURE	c. \	WASTE	14	RADIOA	CTIVE	Yes	No 1	5 CUI	RIES N	A	16
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1 29									30	☐ Yes	□ No	31		5	32
2 29									30	☐ Yes	□ No	31			32
3 29									30	☐ Yes	□ No	31			32
4 29									30	☐ Yes	□ No	31			32
5 29									30	☐ Yes	□ No	31			32
If more hazardous comp	onents are prese	nt at gre	ater than 1% by	weight if n						ach additional	sheets of pape	r capturin	g the required	informat	ion.
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		Refe	er to shippi	ng pap	ers or MS	SDS					PECIAL 💉	\checkmark	WHITE OX/W	37	
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Nu-Tech Industrial Sales, Inc

3840 E. Eagle Dr Anaheim, CA 92807

Phone: 714/671-1623 714/671-1064 Fax:

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name:

Arrow 601 Hydraulic Oil

Chemical Family:

Petroleum

Company Identification:

Transportation Emergency Response:

Chem Tel Inc.

Telephone (800) 255-3924

Production Information: Contains one or more of the following oils

SECTION 2: HAZARDOUS INGREDIENTS

COMPONENTS	CAS Number	OSHA PEL	ACGIH TLV
Petroleum Oil	64742-57-0	5mg/m3	5mg/m3
Petroleum Oil	64742-58-1	5mg/m3	5mg/m3
Petroleum Oil	64742-62-7	5mg/m3	5mg/m3

SECTION 3: HAZARDS IDENTIFICATION

IMMEDIATE HEALTH EFFECTS

Eye:

This product may cause eye irritation.

Skin: Ingestion:

Repeated or prolonged contact may cause irritation. Oral LD 50 has not been established. Do not ingest.

Inhalation: TLV for this product has not been established.

SECTION 4: FIRST AID MEASURES

Eye:

Flush with water for at least 15 minutes. If irritation develops seek medical attention.

5kin:

Cleanse the affected areas with soap and water. If redness or irritation develops, seek medical attention.

Ingestion: Seek medical attention.

Inhalation: If inhalation occurs, move the exposed person to fresh air. Avoid further inhalation and seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

FIRE CLASSIFICATION:

OSHA Classification (29 CFR 1910.1200)

Not classified by OSHA as flammable.

NFPA RATINGS:

Health: 1

Flammability: 1 Reactivity:

FLAMMABLE PROPERTIES:

Flashpoint:

194°C (380 °F)

Autoignition:

No data available.

Flammability (Explosive) Limits (% by volume in air): Lower: Not Applicable

Upper: Not Applicable

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

PROTECTION OF FIRE FIGHTERS:

Fire Fighting Instructions: This material will burn. For fires involving this material, do not enter any enclosed or confined fire space without protective equipments including self-contained breathing apparatus.

Combustion Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and other organic compounds will be evolved when the material undergoes combustion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Protective Measures:

Eliminate all sources of ignition in vicinity of spilled material.

Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

Reporting: Follow Local, State and Fet

Follow Local, State and Federal authority's regulations for reporting spills.

SECTION 7: HANDLING AND STORAGE

General Handling Information: water.

Avoid contaminating soil or releasing this product into sewage, drainage system and bodies of

Static Hazard: Electrostatics charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations which have the potential of generating and accumulating an electrostatic charge and/or a flammable atmosphere (including tank and containing filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids', National Fire Protection Association (NFPA 77, Recommended Practice on Static Electricity, and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents'.

Container Warnings: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. Empty containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

GENERAL CONSIDERATIONS: Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ENGINEERING CONTROLS:

Use in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection: No special eye protection is normally required. Where splashing is possible, wear safety glasses with side shields as a good safety practice.

Skin Protection: No special protective clothing is normally required. Where splashing is possible, select protective clothing depending on operations conducted, physical requirements and other substances in the workplace. Suggested materials for protective gloves include: Nitrile Rubber, Silver Shield, Viton.

Respiratory Protection: No respiratory protection is normally required.

If user operations generate an oil mist, determine if airborne concentrations are below the occupational exposure limit. If not, wear an approved respirator that provides adequate protection from the measured concentrations of this material. For air-purifying respirators use a particulate cartridge.

Use a positive pressure air-supplying respirator in circumstances where air-purifying respirators may not provide adequate protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Attention: The data below are typical values and do not constitute a specification.

Color: Amber Clear Physical State: Liquid

Odor: Oily pH: N/A

Vapor Pressure: N/A

Vapor Density (Air = 1): N/E

Boiling Point: 500 F Solubility: Oil Freezing Point: N/A Specific Gravity: 0.9

Volatile Organic Compounds (VOC): N/A

Viscosity: N/E

Evaporation Rate: N/A

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Incompatibility With Other Materials: May react with strong acids or strong oxidizing agents, such as chlorates, nitrates, peroxides,

etc.

Hazardous Polymerization: Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

IMMEDIATE HEALTH EFFECTS

Eye Irritation: Data has not been established. Skin Irritation: Data has not been established.

Skin Sensitization: The skin sensitization hazard data has not been established.

Acute Derma Toxicity: LD 50 has not been established.

Acute Oral Toxicity: Oral LD 50 has not been established.

Acute Inhalation Toxicity: Toxicity hazard data has not been established.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: No data has been established.

ENVIRONMENTAL FATE

Ready Biodegradability: This material is not expected to be readily biodegradable.

SECTION 13: DISPOSALE CONSIDERATION

Follow Local, State and Federal regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT Shipping Description:

PETROLEUM OIL, N.O.I.B.N.; NOT REGULATED AS A HAZARDOUS MATERIAL UNDER 49 CFR.

IMO/IMDG Shipping Description:

NOT REGULATED AS DANGEROUS GOODS.

ICAO/IATA Shipping Description: NOT REGULATED AS DANGEROUS GOODS.

SECTION 15: REGULATORY INFORMATION

EPCRA 311/312 CATEGORIES:

Immediate (Acute) Health Effects:

No

Delayed (Chronic) Health Effects: 2

No

3 Fire Hazard: No

Sudden Release of Pressure Hazard: 4

No

Reactivity Hazard: 5

No

SECTION 16: OTHER INFORMATION

NFPA RATINGS:

Health:

1

Flammability:

1

Reactivity: 0

HMIS:

Health:

Flammability:

1

Reactivity: 0

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE-Personal Protection Equipment Index recommendation, *-Chronic Effect Indicator). These values are contained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association) for HMIS ratings).

REVISION STATEMENT: The revision updates the following sections of this Material Safety Data Sheet: REVISION DATE:

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

OF OF PARTIE

HAZARDOUS MATERIALS INVENTORY FORM

FORM 3

DEPARTME	,									1	
	.DD	DELETE	REVISED 1					Page _	ol	4	- 2
FACILITY ID# 3 0	0 3 5		38 BUSIN	IESS NAME	AERO	DYN	IAMIC	MA	CHINI	NG	3
			I. FACILI	TY INFO	RMATION						
CHEMICAL LOCATION	AT A	AIR CON	apresso	RC	X 57	DRED	IN Y	ARD	(WEST	Sibe	=) 4
CONFIDENTIAL LOCATION		Yes			1	<u> </u>	6 GRID#	DB	oR	R9	7
LIVIV			II. CHEMIC	CAL INFO	RMATION	1					
CHEMICAL NAME					WASTE	Yes	8 TRADES	ECRET	Yes	* Z 'No	11
-	TURBINE	OIL						CRA see i	_	No	.,
COMMON NAME	(- 14 h Di	ESSOR (517		<u> </u>		9 An EHS (Yes	No	12
CAS#			ZARD CLASSES (supple	ed by GGED)	No.		*If EHS is	"Yes", all a	imounts must b	e LBS	13
64742	2-54-7	The state of the s								,	13
TYPE (Check one item only)	PURE	☐ b MIXTURE	_ c WASTE	14	RADIOACTIVE	Yes	No	15 CUR	IES A	VA	16
PHYSICAL STATE	a SOLID	p ridnib	C GAS 17	FED HAZ	ARD a	FIRE [b REACTIVE	a	PRESSURE I	RELEASE	18
(circulate near any)				1		ACUTE HEAD	тн.	☐ e.	CHRONIC HE	EALTH	
AVERAGE DAILY 5	5 GAL 19	MAXIMUM DAILY AMOUNT	220	20 JANNU	AL WASTE AMO	UNT	21 ST	ATE WAST	E CODE		22
UNITS A GALLO		JBIC FEET 2				24	LARGEST CON	ITAINER _			25
c POUNI	DS d. TO	ONS	[]	365				5	55 C	RAL.	
STORAGE CONTAINER (Check all that apply)			e PLASTIC DRUM	_	VAT	_ m (CYLINDER		q TANK	WAGON	26
(Cireck all trial apply)	c TANK I	SIDE BLDG	f: NONMETALLIC DR	=		=	GLASS CONTAI LASTIC CONTA		r RAIL CA		
	d STEEL	DRUM [h CARBOY		BOX(S)	□ p. !	N MACH OR EC	UIP	t OTHER		
STORAGE PRESSURE	- F	a AMBIENT	☐ b ABO\	/E AMBIENT		c BELOW A	MBIENT				27
STORAGE TEMPERATUR	9	a AMBIENT		E AMBIENT		c BELOW A	MBIENT	☐ d _∞	CRYOGENIC		28
%WT	HAZA	RDOUS COMF	PONENT (For mix	ure or wast	le only)		EHS		C	CAS#	
1 29					30	☐ Yes	□ No	31			32
2 29					30	☐ Yes	□ No	31			32
3 29					30	☐ Yes	□ No	31			32
4 29					30	Yes	□ No	31			32
5 29					30	☐ Yes	□ No	31			32
If more hazardous compone	ents are present at gre	ater then 1% by weigh				attach addition	al sheets of pape	er capturing	the required in	formation.	
			PLACARDI	NG INFO	RMATION						
UNDOT#	NOT	REGUI	CETA-	33			NFPA 704 H	AZARD	DIAMOND		Ì
		hipping papers					FIRE (RED)	\wedge	pa i d		J
DOT HAZARD CL	ASS			34		HEAL		X	REAC (YELL		İ
		er to shipping p	papers or MSDS				SPECIAL X		WHITE	27	
PCRA DYES	□ NO			35		· L	HAZARD 🖛	<u> </u>	OX/M		
x	If EPCR	A, Please Sign	Here	— ₃₆	N		MANY COP TORY FOR			AL	
		<u> </u>				A P. [4	TOTAL FOR	'''' \\ \			ł

MATERIAL SAFETY DATA SHEET

Page 1 of 3

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Turbine Oil R & O

Product Category: Petroleum Lubricating Oil

Product Grade: (Viscosity): All Grades (Viscosities)

MSDS Form: APL

MSDS Issue Date: 6/26/03

Company: Rosemead Oil Products, Inc.

PO Box 2645

Santa Fe Springs, CA 90670-2645

Information and Technical Assistance: (562) 941-3261 Emergency Only Phone (Chemtrec): (800) 443-9300

Section 2: COMPOSITION / INFORMATION ON INGREDIENTS

Components

CAS Number(s)

Approximate Concentration

Petroleum Hydrocarbons

64742-54-7, 64742-65-0, 64742-58-1

97% or greater

64742-62-7

Proprietary Additives

Mixture

3% or less

Section 3: HAZARDS IDENTIFICATION

Route of Exposure:

Ingestion: Low order of toxicity. May cause irritation in very sensitive individuals.

Inhalation: No adverse affects on short term exposure.

Eyes: Expected to cause no more than mild irritation, except in very sensitive individuals. Skin: Expected to cause no effects, except for prolonged exposure in sensitive individuals.

Emergency Overview: This product has a low order of toxicity and does not require a cancer hazard warning.

HMIS Ratings: Health:1, Fire:1, Reactvity:0

NFPA Ratings: Health:1, Fire:1, Reactivity:0

Section 4: FIRST AID MEASURES

Ingestion: If ingested, DO NOT induce vomiting; call a physician immediately.

Inhalation: Remove to fresh air. If breathing becomes irregular or stops; give oxygen, start resuscitation and call a physician immediately.

Eye Contact: Flush with fresh water for at least 15 minutes. Call a physician if irritation persists.

Skin: Wash thoroughly after exposure. Launder contaminated clothing. See a physician if irritation or inflammation

develops.

Section 5: FIRE FIGHTING MEASURES

Flashpoint: >300 deg. F, COC. Vapors could ignite if heated above flash point.

LEL and UEL: No Data

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog or Spray (avoid using water stream) and

Vaporizing Liquid

Special Fire Fighting Procedures: SCBA recommended. Use water to keep sealed containers cool. Water stream may cause splattering or transport flame. Water spray may be used to flush spills away from exposures or to disperse vapors. Hazards and Products Produced From Thermal Decomposition: Fumes, smoke, carbon monoxide, sulfur oxides and toxic gases

Tubine Oil R & O, cont.

Page 2 of 3

Section 6: ACCIDENTAL RELEASE MEASURES

This product may be classified as an oil under Section 311 of the Clean Water Act and Oil Pollution Act. Spills or discharges into or leading to surface waters, that cause a sheen, must be reported to the National Response Center. Recover free product. Divert product from watercourses and sewers. Contain and absorb all product. Assure conformity with all applicable governmental regulations for reporting and disposal.

Section 7: STORAGE AND HANDLING

Handling Precautions: Avoid skin contact, breathing vapors and change contaminated clothing. Use in well ventilated areas. Wear recommended protective equipment. Practice good personal hygiene after handling. Do not cut, weld, braze or in any way alter empty containers or expose to any ignition source.

Storage: Store in approved closed containers in well ventilated areas away from sources of ignition and strong oxidants

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: TLV = 5 mg/m 3 for oil mist in 8 hour work day

Respiratory Protection: Not usually required. Use supplied-air respiratory protection in confined or enclosed spaces, if needed. Supply sufficient ventilation so permitted exposure levels are not exceeded.

Skin Protection: Use chemical resistant gloves, aprons, shoes, etc. to avoid prolonged and repeated skin contact.

Launder soiled clothing before reuse.

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Hygienic Practices: Minimize breathing vapor, mist or fumes. Wash thoroughly before meals, breaks, and at the end of work period. Remove contaminated clothing and launder before reuse. Product is readily removed from skin by waterless hand cleaners, followed by washing thoroughly with soap and water.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range: >500 deg. F

Vapor Density(air=1): >5

%Volatile by Volume: Negligible

Solubility(in water): Negligible

Evaporation Rate(water=1): <.01 Vapor Pressure: <.01 mm Hg@ 20

deg. C

Physical Form: Oily Liquid

Specific Gravity: .80 to .90

pH: Neutral

Section 10: STABILITY AND REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypercholrite, etc., as this presents a serious explosion hazard.

Section 11: TOXICOLOGICAL INFORMATION

Oral Toxicity: Swallowing product may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea and abdominal pain. Acute Oral LD 50 (rat) > 5 g/kg of body weight

Eye Irritation: Product contacting eyes may cause irritation.

Skin Irritation: Repeated and prolonged overexposure to oil and/or oil mists may cause irritation, inflammation and increased incidence of infection. Acute Demal LD50 (rabbit) > 3.16 g/kg of body weight

Carcinogenic: Components of this product have not been identified as a carcinogen by NTP, IARC or OSHA

Section 12: ECOLOGICAL INFORMATION

This product is expected to have adverse affects if released into the environment. Do not discharge or release this product to the environment, public waters or waterways.

Turbine Oil R & O, cont.

Page 3 of 3

Section 13: DISPOSAL CONSIDERATION

Disposal options for this product are determined by federal, state and local regulations and the conditions under which it may have been used. This product is recyclable. Consult federal, state and local regulations for the proper disposal method.

Section 14: TRANSPORTATION INFORMATION

U.S. DOT HAZARDOUS MATERIALS SHIPPING INFORMATION: "Not Regulated"

Section 15: REGULATORY INFORMATION

The following information may be useful in complying with various local, state and federal laws and regulations addressing various statutes:

SARA Sec. 301-304: No TPQ for product or any constituent greater than 1% or 0.1% for carcinogen.

SARA Sec. 313: No toxic chemical is present greater than 1% or 0.1% for carcinogen.

SARA Sec. 311-312: No EPA Hazard Classification Code.

TSCA: All components are listed on the U.S. TSCA inventory, does not contain polychlorinated biphenyls.

OSHA: This product requires a warning label.

SECTION 16: OTHER INFORMATION

The information contained in this Material Safety Data Sheet has been compiled from the most reliable and accurate sources available at the time this document was prepared. However, no liability shall be accepted by Rosemead Oil Products, Inc. for injury or loss resultant of the use of the product or information contained in this document.

The information contained in this document is intended to be used in conjunction with applicable standards for training, work practices and facility design established by such organizations as OSHA, NIOSH, NFPA, API, NEC, NSC, Underwriters, Bureau of Mines and others.

The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that they are suitable and complete for their particular use.

Reveiwed by: Russell Tracy, Director

OF DEPARTMENT

HAZARDOUS MATERIALS INVENTORY FORM

FORM 3

DEPARTME			
ADD DELETE REV	/ISED 1	Page of	_ 2
FACILITY ID# 3 0 0 3 5	BUSINESS NAME AERO	DYNAMIC MACHINING	3
	FACILITY INFORMATION		
AT AIR COMP	ressor ur s	TORED IN YARD (WEST SI	4
CONFIDENTIAL LOCATION Yes No	5 MAP#	6 GRID# DB OR B9	7
	CHEMICAL INFORMATION		
PREMIUM NON-DETERG	ENT OIL	Yes 8 TRADE SECRET Yes You	11
COMMON NAME	1	9 An EHS Chemical Yes No	12
SAE 30 6/L	2050	"If EHS is "Yes", all amounts must be LBS	
CAS # 64742-54-7 FIRE CODE HAZARD CLAS	SSES (supplied by GGFD)		13
TYPE (Check one item only) PURE D. MIXTURE	c. WASTE 14 RADIOACTIVE	Yes No 15 CURIES NA	16
PHYSICAL STATE (Check one item only)	GAS 17 FED HAZARD CATEGORIES a. FI	RE	18
AVERAGE DAILY 19 MAXIMUM DAILY	The second secon	CUTE HEALTH	
AVERAGE DAILY 55 GAL 19 MAXIMUM DAILY 2	20 GAL ANNUAL WASTE AMOUN	T 21 STATE WASTE CODE	22
UNITS GALLONS D. CUBIC FEET 23 DAYS	365	LARGEST CONTAINER 55 GAL.	25
STORAGE CONTAINER 2 ABOVEGROUND TANK 6 PLAS	TIC DRUM i. VAT	m CYLINDER q. TANKWAGON	26
	IETALLIC DRUM II. FIBER DRUM IL CONTAINER II. BAG(S) OY II. BOX(S)		
STORAGE PRESSURE a AMBIENT	☐ b. ABOVE AMBIENT ☐ c.	BELOW AMBIENT	27
STORAGE TEMPERATURE a AMBIENT	b. ABOVE AMBIENT	BELOW AMBIENT d. CRYOGENIC	28
%WT HAZARDOUS COMPONENT	(For mixture or waste only)	EHS CAS#	
1 29	30	☐ Yes ☐ No 31	32
2 29	30	☐ Yes ☐ No 31	32
3 29	30	☐ Yes ☐ No 31	32
4 .29	30	☐ Yes ☐ No 31	32
5 29	30	☐ Yes ☐ No 31	32
If more hazardous components are present at greater than 1% by weight if non-carc		ch additional sheets of paper capturing the required information.	
	ACARDING INFORMATION		
UNDOT# Refer to shipping papers or MSD	33	NFPA 704 HAZARD DIAMOND FIRE (RED)	
		HEALTH REACTIVE (YELLOW)	
DOT HAZARD CLASS Refer to shipping papers of	r MSDS	(BLUE) SPECIAL WHITE	
FPCRA □ YES □ NO	35	HAZARD WHITE OX/W	
) - ,			- 1
X If EPCRA, Please Sign Here		KE AS MANY COPIES OF CHEMICAL INVENTORY FORM AS NEEDED	

MATERIAL SAFETY DATA SHEET

Page 1 of 3

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Premium Non-Detergent Oil

Product Category: Petroleum Lubricating Oil Product Grade: (Viscosity): All Grades (Viscosities)

MSDS Form: APL

MSDS Issue Date: 7/14/03

Company: Rosemead Oil Products, Inc.

PO Box 2645

Santa Fe Springs, CA 90670-2645

Information and Technical Assistance: (562) 941-3261 Emergency Only Phone (Chemtrec): (800) 443-9300

Section 2: COMPOSITION / INFORMATION ON INGREDIENTS

Components

CAS Number(s)

64742-54-7, 64742-65-0, 64742-58-1

99% or greater

Proprietary Additives

Petroleum Hydrocarbons

64742-62-7 Mixture

1% or less

Section 3: HAZARDS IDENTIFICATION

Route of Exposure:

Ingestion: Low order of toxicity. May cause irritation in very sensitive individuals.

Inhalation: No adverse affects on short term exposure.

Eyes: Expected to cause no more than mild irritation, except in very sensitive individuals. Skin: Expected to cause no effects, except for prolonged exposure in sensitive individuals.

Emergency Overview: This product has a low order of toxicity and does not require a cancer hazard warning.

HMIS Ratings: Health:1, Fire:1, Reactvity:0

NFPA Ratings: Health:1, Fire:1, Reactivity:0

Approximate Concentration

Section 4: FIRST AID MEASURES

Ingestion: If ingested, DO NOT induce vomiting; call a physician immediately.

Inhalation: Remove to fresh air. If breathing becomes irregular or stops; give oxygen, start resuscitation and call a

physician immediately.

Eye Contact: Flush with fresh water for at least 15 minutes. Call a physician if irritation persists.

Skin: Wash thoroughly after exposure. Launder contaminated clothing. See a physician if irritation or inflammation

develops.

Section 5: FIRE FIGHTING MEASURES

Flashpoint: >300 deg. F, COC. Vapors could ignite if heated above flash point.

LEL and UEL: No Data

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam, Water Fog or Spray (avoid using water stream) and

Vaporizing Liquid

Special Fire Fighting Procedures: SCBA recommended. Use water to keep sealed containers cool. Water stream may cause splattering or transport flame. Water spray may be used to flush spills away from exposures or to disperse vapors. Hazards and Products Produced From Thermal Decomposition: Fumes, smoke, carbon monoxide, sulfur oxides and toxic gases

Premium Non-Detergent Oil, cont.

Page 2 of 3

Section 6: ACCIDENTAL RELEASE MEASURES

This product may be classified as an oil under Section 311 of the Clean Water Act and Oil Pollution Act. Spills or discharges into or leading to surface waters, that cause a sheen, must be reported to the National Response Center. Recover free product. Divert product from watercourses and sewers. Contain and absorb all product. Assure conformity with all applicable governmental regulations for reporting and disposal.

Section 7: STORAGE AND HANDLING

Handling Precautions: Avoid skin contact, breathing vapors and change contaminated clothing. Use in well ventilated areas. Wear recommended protective equipment. Practice good personal hygiene after handling. Do not cut, weld, braze or in any way alter empty containers or expose to any ignition source.

Storage: Store in approved closed containers in well ventilated areas away from sources of ignition and strong oxidants

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: TLV = 5 mg/m3 for oil mist in 8 hour work day

Respiratory Protection: Not usually required. Use supplied-air respiratory protection in confined or enclosed spaces, if needed. Supply sufficient ventilation so permitted exposure levels are not exceeded.

Skin Protection: Use chemical resistant gloves, aprons, shoes, etc. to avoid prolonged and repeated skin contact.

Launder soiled clothing before reuse.

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Hygienic Practices: Minimize breathing vapor, mist or fumes. Wash thoroughly before meals, breaks, and at the end of work period. Remove contaminated clothing and launder before reuse. Product is readily removed from skin by waterless hand cleaners, followed by washing thoroughly with soap and water.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range: >500 deg. F Vapor Density(air=1); >5

%Volatile by Volume: Negligible

Solubility(in water): Negligible Evaporation Rate(water=1): <.01

Vapor Pressure: <.01 mm Hg@ 20

Physical Form: Oily Liquid Specific Gravity: .80 to .90

pH: Neutral

deg. C

Section 10: STABILITY AND REACTIVITY

This product is stable and will not react violently with water. Hazardous polymerization will not occur. Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypercholrite, etc., as this presents a serious explosion hazard.

Section 11: TOXICOLOGICAL INFORMATION

Oral Toxicity: Swallowing product may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea and abdominal pain. Acute Oral LD 50 (rat) > 5 g/kg of body weight

Eye Irritation: Product contacting eyes may cause irritation.

Skin Irritation: Repeated and prolonged overexposure to oil and/or oil mists may cause irritation, inflammation and

increased incidence of infection. Acute Demal LD50 (rabbit) > 3.16 g/kg of body weight

Carcinogenic: Components of this product have not been identified as a carcinogen by NTP, IARC or OSHA

Section 12: ECOLOGICAL INFORMATION

This product is expected to have adverse affects if released into the environment. Do not discharge or release this product to the environment, public waters or waterways.

Premium Non-Detergent Oil, cont.

Page 3 of 3

Section 13: DISPOSAL CONSIDERATION

Disposal options for this product are determined by federal, state and local regulations and the conditions under which it may have been used. This product is recyclable. Consult federal, state and local regulations for the proper disposal method.

Section 14: TRANSPORTATION INFORMATION

U.S. DOT HAZARDOUS MATERIALS SHIPPING INFORMATION: "Not Regulated"

Section 15: REGULATORY INFORMATION

The following information may be useful in complying with various local, state and federal laws and regulations addressing various statutes:

SARA Sec. 301-304: No TPQ for product or any constituent greater than 1% or 0.1% for carcinogen.

SARA Sec. 313: No toxic chemical is present greater than 1% or 0.1% for carcinogen.

SARA Sec. 311-312: No EPA Hazard Classification Code.

TSCA: All components are listed on the U.S. TSCA inventory, does not contain polychlorinated biphenyls.

OSHA: This product requires a warning label.

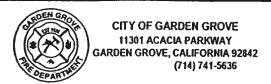
SECTION 16: OTHER INFORMATION

The information contained in this Material Safety Data Sheet has been compiled from the most reliable and accurate sources available at the time this document was prepared. However, no liability shall be accepted by Rosemead Oil Products, Inc. for injury or loss resultant of the use of the product or information contained in this document.

The information contained in this document is intended to be used in conjunction with applicable standards for training, work practices and facility design established by such organizations as OSHA, NIOSH, NFPA, API, NEC, NSC, Underwriters, Bureau of Mines and others.

The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that they are suitable and complete for their particular use.

Reveiwed by: Russell Tracy, Director



CUPA

BUSINESS ACTIVITIES

	PageJ of								
CONTRACTOR AND ADMINISTRATION OF THE PARTY O	DENTIFICATION								
FACILITY ID# 3 0 0 3 5	1. EPA ID # (Hazardous Waste Only) CAL 000313794								
BUSINESS NAME (Same as FACILITY NAME or DBA-Doing Busines	s As)								
AERO DYNAMIL A									
The state of the s	TIES DECLARATION								
	YES to any part of this list, Owner/Operator Identification page.								
Does your facility	If Yes, please complete these pages of the UPCF								
A. HAZARDOUS MATERIALS	in 163, please complete these pages of the OFCF								
Have on site (for any purpose) hazardous materials at or above 50 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); 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 to 10 CFR Parts 30, 40 or 70?	CHEMICAL DESCRIPTION (Form 3)								
B. UNDERGROUND STORAGE TANKS (USTs)									
Own or operate underground storage tanks?	☐ YES NO 5. ✓ UST FACILITY (Formerly SWRCB Form A) ✓ UST TANK (one page per tank) (Formerly Form B)								
2. Intent to upgrade existing or install new USTs?	YES NO 6. UST FACILITY UST TANK (one per tank)								
	✓ UST INSTALLATION - CERTIFICATE OF								
	COMPLIANCE (one page per tank) (Formerly Form C)								
Need to report closing a UST?	☐ YES 7. ✓ UST TANK (closure portion-one page per tank)								
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)									
Own or operate ASTs above these thresholds:	D. H.								
 any tank capacity is greater than 660 gallons, or the total aggregate capacity for the entire facility (ASTs, drums and 	☐ YES NO 8. ✓ NO FORM REQUIRED TO CUPAS								
portable containers) greater than 1,320 gallons?									
D. HAZARDOUS WASTE									
 Generate hazardous waste? Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)? 	YES ☐ NO 9. ✓ EPA ID NUMBER - provide at the top of this pag ☐ YES ☐ NO 10. ✓ RECYCLABLE MATERIALS REPORT (one per recycler)								
3. Treat hazardous waste on site?	☐ YES NO 11. ✓ ONSITE HAZARDOUS WASTE TREATMENT - FACILITY								
	(Formerly DTSC Forms 1772)								
	✓ ONSITE HAZARDOUS WASTE								
	TREATMENT - UNIT (one page per unit)								
A. Treatment without to C	(Formerly DTSC Forms 1772A,B,C,D and L)								
4. Treatment subject to financial assurance requirements (for Permit by Rule and Condition Authorization)?	YES ANO 12. CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)								
5. Consolidate hazardous waste generated at a remove site?	YES NO 13. REMOTE WASTE/CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)								
6. Need to report the closure/removal of a tank that was classified waste and cleaned onsite?	YES YOUND 14. A HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)								
E. LOCAL REQUIREMENTS									
I-ARP: California Accidental Release Prevention Program "SC Chapter 6.95, Article 2, §25531 et seq	☐ YES 15. ✓ REGULATED SUBSTANCE REPORTING FORM (Orange County CUPA)								
 Stationary Source with more than a Threshold Quantity of a Regulated Substance in a Process 	Total (orange county con 7)								

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM BUSINESS EMERGENCY PLAN

EMERGENCY NOTIFICATIONS:

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

REQUIRED NOTIFICATIONS:

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

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

Provide the following information when you call:

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

If a chemical spill or release at your facility could create a toxic cloud or a liquid

Stream that could drift beyond your facility, then, identify nearby facilities that could be in imminent danger.

No Potential For Toxic Cloud OR Cloud Stream

To the North Facility Phone () Phone ()

Facility Phone ()

Facility Phone ()

Facility Phone ()

To the East Facility Phone ()

Facility Phone ()

To the West Facility Phone ()

Facility Phone ()

To the West Facility Phone ()

Facility Phone ()

Phone ()

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM BUSINESS EMERGENCY PLAN

OPTIONAL NOTIFICATIONS:

1.	Name: INTERSTATE PUMPINA	(909) 393-4696						
2.	Insurance Company Name:	_()						
3.	Poison Control Center – 24-Hour	1 (800) 876-4766						
Eva	EVACUATION PLANS AND PROCEDURES: Evacuation Alarms – describe the type of alarm signals that will be used to start an evacuation at this facility (vocal, paging system, manual alarm, etc.):							
	- VOLAL - PLANT PAGING S	3 YSTEM						

Evacuation Drills

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

The following four forms:

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

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

GARDEN GROVE FIRE DEPARTMENT EVACUATION DRILL RECORD

Business Name:	AERO DYNAMIC MACHINING INC.				
Street Address:	11791 MONARCH STREET				
Date of Evacuation Drill: - 8/20 /07.—					
Date of Evacuation Drill: - 8/20/07 Brief Description of Drill: - FIRE DRILL - CONFIRM MTG, POINT					
Facilitator's Name:	KEITH YOUNG				
Facilitator's Title:	GENERAL MANAGER				
I hereby certify, under penalty of perjury, that I facilitated the evacuation drill as described above.					
	Signature of Facilitator: /// // // // // // // // // // // // /				
	Date Signed: 8/20/07 //				
Date of Evacuation Drill:					
Brief Description of Drill:					
Facilitator's Name:					
Facilitator's Title:					
I hereby certify, under penalty of perjury, that I facilitated the evacuation drill as described above.					
Signature of Facilitator:					
Date Signed:					

THIS RECORD TO BE RETAINED AT THE BUSINESS. MAKE ADDITIONAL COPIES OF THIS FORM AS NEEDED.

Emergency Coordinator Task Completion Sheet

 Date and time the incident was reported:	Date:	
	Time:	
 Identify the nature and extent of the inciden	t:	
 Activate internal facility alarms or communic	ation systems.	
 Notify the Fire Department.		
 Designate an employee to direct emergency response units to the incident scene.		
 Initiate prearranged mitigation and evacuation	on plans.	
Secure all emergency shut-off valves (as req	uired).	
 Initiate internal company notifications.		
 Account for all evacuated personnel.		
 Have resource material available for use by responding agencies (maps, drawings, Material Safety Data Sheets (MSDS), etc.)		
 Identify actions taken by the business to con	trol the incident.	
 Secure the incident scene to include treatme hazardous materials or waste involved.	nt, storage or disposal of	
 Other (specify):		

THIS RECORD TO BE RETAINED AT THE BUSINESS.

THIS FORM SHALL BE GIVEN TO THE EMERGENCY RESPONDERS UPON THEIR ARRIVAL AT THE FACILITY.

GARDEN GROVE FIRE DEPARTMENT HAZARDOUS MATERIALS DISCLOSURE PROGRAM EMERGENCY CHEMICAL DISCLOSURE FORM

Complete the following information for all hazardous chemicals involved in or potentially affected by the incident. Make as many additional copies of this form as you may require, IN ADVANCE, and keep the copies in a convenient place for your immediate use during an emergency.

Chemical Name NON-RORA HAZ. WASTE - OILY WATER				
CAS Number (if known): 64741-96-4 (MIXED)				
Amount of chemical spilled or released:				
If still spilling, the estimated amount of				
the chemical substance remaining in the				
original container.				
Chemical Name HIGHLY REFINED PETROLEUM OIL - COOLANT OI				
CAS Number (if known): 64741-96-4				
Amount of chemical spilled or released:				
If still spilling, the estimated amount of				
the chemical substance remaining in the				
original container.				
Chemical Name ARROW GOI HYDRAULIC OIL				
CAS Number (if known): 64742-57-0				
Amount of chemical spilled or released:				
If still spilling, the estimated amount of				
the chemical substance remaining in the				
original container.				
Chemical Name TURBINE OIL				
CAS Number (if known): 64742-54-7				
Amount of chemical spilled or released:				
If still spilling, the estimated amount of				
the chemical substance remaining in the				
original container.				
Chemical Name PREMIUM NON-DETERGENT OIL - SAE 30				
CAS Number (if known): 64742-54-7				
Amount of chemical spilled or released:				
If still spilling, the estimated amount of				
the chemical substance remaining in the				
original container.				

THIS FORM SHALL BE GIVEN TO THE EMERGENCY RESPONDERS UPON THEIR ARRIVAL AT THE FACILITY.

EVACUATION PLANNING

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

6	· · · · · · · · · · · · · · · · · · ·	
1.	Working area:	MAIN SHOP
	Evacuation route: _	- SHOP AISLES -
	Emergency exits:	NW DOOR, MAIN DOCK DOORS
	Staging area:	NW OR SÉ AREA
2.	Working area:	MAIN OFFICE
	Evacuation route:	- MAIN AISLES
	Emergency exits:	SOUTH DOOR, NORTH DOOR, WEST LOBBY
	Staging area:	
3.	Working area:	2ND FLOOR OFFICE
	Evacuation route:	NORTH STAIRS, LOBBY STAIRS, SOUTH
		- SAME AS MAIN OFFICE
	Staging area:	SE AREA
4.	Working area:	
	Evacuation route:	
	Staging area:	
5.	Working area:	
	Evacuation route:	
	Staging area:	

EMPLOYEE RESPONSIBILITIES:

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

JOB TITLE: MFG MANAGER
EMERGENCY FUNCTION(S):
a. SOUND ALARM, CALL 911
b. SHUT-OFF MACHINES, ELECTRICTY TO MACHINES
C. CALL 911, IDENTIFY SPILL CONTAINMENT
d. HEAD COUNT AT NEW AREA
JOB TITLE: OFFICE MANAGER
EMERGENCY FUNCTION(S):
a. SOUND ALARM, CARL 911
b. ASSIST EXITING PERSONNEZ
C. HEAD COUNT AT SE AREA
d
JOB TITLE: GENERAL MANAGER
EMERGENCY FUNCTION(S):
a. CONDUCT PREVENTIVE DRIUS
b CALL 911
C. SOUND ALARMS
d. VERIFY HEAD COUNT AT NW + SE
AREAS

TRAINING:

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

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

Describe the type of training programs you either are currently using or will use

F. Evacuation procedures.

during the next year to provide the required employee training.
1/02 1/02 (1000)
- MATE IVIATI CARRIER (INTERSTATE NUMPING)
- HAZ MAT CARRIER (INTERSTATE RUMPING) ON SITE TRAINING
- SPILL CONTAINMENT TRAINING
- FIRE DRILLS
- EVACUATION PLAN TRAINING
A
- MANAGEMENT ROLES /RESA. TRAINING

PREVENTION:

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

STORAGE LOCATION	PREVENTATIVE MEASURE				
1. <u>A8</u>	SPILL CONTAINMENT				
2. DB					
3. B&	SPILL CONTAINMENT				
4	•				
5					
6.					
7					
8					
Comments relating to the listed storage areas: — SPILL RECEPTACE	E3 ON ORDER				
Prevention measures to be taken at this location: — TRAINING AS SPEZIFIED ON PG. 28					
Estimated date of completion: Actual date of completion:	1BER 2007				

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

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

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

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

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

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:

Date:

GENERAL MANAGER