

Γ

SAFETY DATA SHEET

Page 1 of 6 **SDS-E-6400022**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0 SDS

SDS Revision Date: 6/10/2015

		1.	PRODUC	T & COM	PANY	IDE	NTIF	FICATI	ON				
1.1	Product Name:		SOLDERII USA, meet		•								2 oz./56.6g, ROL0
1.2	Chemical Name:	NA											
1.3	Synonyms:	NA	NA										
1.4	Trade Names:	NA											
1.5	Product Uses & Restrictions:	Soldering Flu	x										
1.6	Distributor's Name:	CAIG Labora											
1.7	Distributor's Address:	12200 Thatc	her Court, Powa	y, CA 92064-6	876 USA								
1.8	Emergency Phone:	CHEMTRI	EC: +1 (703)	527-3887 /	+1 (800) 424	-930	0 (CCN	XXXXX	()			
1.9	Business Phone / Fax:	+1 (800) 224	-4123										
			2 H/			IFIC	ΔΤΙΛ	אר					
2.1	Hazard Identification:	This product	is classified as								COOL		
		WARNING! Classification Hazard State Precautionar handling. P2 P333+P313 treatment se reuse. P333	the classification MAY CAUSE <u>a</u> : Skin Sens. 1B <u>aments</u> (H): H31 <u>y Statements</u> (H) 280 – Wear prot – If skin irritat e this container 7+P313 – If eye tainer to license	AN ALLERGIC 7 – May cause P): P261 – A ective gloves. ion or rash o label. P362+F e irritation pers	an allerg void brea P302+P3 ccurs get 2364 – Ta ists: Get	ic skin athing 352 – I t media ke off o medica	DN. reactio dust. F ON cal ad contan al adv	on. P264 – SKIN: Wa lvice/atten ninated cla ice/attenti	Wash th ash with p tion. P3 othing an on. P50	oroug blenty o 321 – d was	of wate Specir it befo	er. fic re	(!)
		3. C	OMPOSIT	ON & INC	GREDI	ENT	INF	ORMA					
									XPOSURE I	IMITS I	N AIR (m	a/m³)	
						AC	GIH	NO	HSC		OSHA	•	
						рр	m		m		ppm		
CHEM	ICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	ES- E TWA ST	S- ES- EL PEAK	PEL	STEL	IDLH	OTHER
	• •	8050-09- 7	VL0480000	232-475-7	50-60	NA	NA	NF N		NA	NA	NA	SENSITIZER
vvvv (GUM ROSIN	Skin Sens. 1	; H317	•									•
DIETI ETHE	HYLENE GLYCOL DIBUTYL	112-73-2	KN0350000	204-001-9	15-25	NA	NA	NF NF	NF	NA	NA	NA	
		65997-05-9	NA	NA	15-25	15	3	15 3	3 NF	15	NA	NA	RESP FRAC
DYM	EREX ROSIN		1						1				1
PROF	PEITARY INGREDIENTS	NA	NA	NA	0-10	NA	NA	NF NF	NF	NA	NA	NA	
		•	A										
		Langeden		FIRST AI							defender og	La ca fe c	- (
4.1	First Aid:	Ingestion: Eyes: Skin:	 IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes lifting upper and lower lids, occasionally. Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes. 										
		Inhalation:	Remove victim artificial respira	ation. Keep pe	rson warr	n, quie	t and	get medic	al attentic		n prea	unng s	sops give
4.2	Effects of Exposure:	Ingestion: Eyes:	If product is sw Moderately irri watering.							clude	rednes	ss, itcł	ning, irritation and
			3										
		<u>Skin:</u> Inhalation:	0	individuals.	e product	can ca	ause a	Illergic ski	n reactio	ns (e.g	g., rash	ies, w	elts, dermatitis) in



Γ

SAFETY DATA SHEET

Page 2 of 6 SDS-E-6400022

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0 SDS Revisio

SDS Revision Date: 6/10/2015

4.3	Sumptome of Overexpegure:	La mar d'anna				ASUR							
	Symptoms of Overexposure: Ingestion: Nausea, intestinal discomfort, vomiting and/or diarrhea. Eyes: Overexposure in eyes may cause redness, itching and watering.												
		Eyes:											- Encethi
		Skin: Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Fro like symptoms. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in individuals.											
1.4	Acute Health Effects:	Non-irritating when used as directed. Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea.											
4.5	Chronic Health Effects:	Non-irritating when used as directed. Overexposure may trigger asthma-like symptoms in some sensitive individu May also induce skin sensitization and respiratory hypersensitivity. Possible allergic dermatitis.						individual					
4.6	Target Organs:	Eyes, Skin.											
4.7	Medical Conditions Aggravated by Exposure:		dermatitis, oth				isorders o						1
		target organs	(eyes, skin, a	na respira	itory sys	stem).							1
								PH	YSICA	L HAZ	ARDS		0
								PR	OTECI	IVE E		ENT	G
								EY	ES	SKIN	L	UNGS	
			5. F	IREFIC	GHTI	NG ME	ASUR	ES					
5.1	Fire & Explosion Hazards:	temperatures	is not flammat	gases (e.g	g., CO,C	CO _X).	n a fire, th	is product	may dec	compose	e at high	1	
5.2	Extinguishing Methods:		, CO ₂ , Dry Che									_	
5.3	Firefighting Procedures:	breathing ap after the fire fire upwind. Prevent runo	for surroundin paratus (press is out. Use w Avoid spraying ff from fire con vaterway. Fire	sure-dema vater spray g water di ntrol or di	nd) and to coo irectly ir lution fr	d full prote ol fire-expo nto storag rom enteri	ective gear osed surfa e containe ing sewers	r. Keep c ces and to ers because s, drains, c	protect protect of dan Irinking	s cool u persona ger of b water su	until well al. Fight oil-over. upply, or		0
			-contained bre										·
		decompositio											
			in producto and	a oxygen a	deficien	icies.							
			•					SUDE	\$				
6.1	Spills:	Before clear	6. ACCID	DENTA or leak,		ELEAS	ved in spi	II cleanup	must w				
5.1	Spills:	Before clear Equipment. Small Spills: material suc water or a m plastic broon Large Spills: or release.	6. ACCID	DENTA or leak, ber gloves riate prote te or sand as "speedy ustpans) an patible mai ate hazarc	individu s, respira ective ec d to soa / dry" to nd plac terials (d area a	ELEAS Jals involvator, eye p quipment ak up the p soak up e into a pla fe.g., organ and keep u	ved in spi protection a including oproduct ar material. astic conta nics such inauthorize	II cleanup and apron gloves and nd place in Sweep up ainer or pla- as oil) awa ed personn	must w may be protecti to a cor materia stic liner stic liner y from s el out of	required ve eyew atainer fo al using within a pill. Sta area. S	l for clea vear. Us or later of non-spa nother of ay upwir Stop spil	an-up of la se a non- disposal. arking ma container. nd and aw l or releas	rge spills. combustib Do not us terials (e.ç ay from s e if it can
6.1	Spills:	Before clear Equipment. <u>Small Spills</u> : material suc water or a m plastic broon <u>Large Spills</u> : or release. I done with mi	6. ACCIE Plastic or rubt Wear appropri h as vermiculit haterial such a hs, shovels, du Keep incomp solate immedia	DENTA or leak, ber gloves riate prote te or sand as "speedy ustpans) an patible man ate hazarce ear approp	L RE individu s, respira ective ed to soa / dry" to nd plac terials (d area a priate pr	ELEAS als involv ator, eye p quipment ak up the p o soak up e into a pla fe.g., organ and keep u rotective e	ved in spi protection (including (product ar material. astic conta nics such inauthorize quipment	II cleanup and apron gloves and nd place in Sweep up ainer or pla as oil) awa ed personn including re	must w may be protecti to a cor o materia stic liner by from s el out of espirator	required ve eyew atainer fo al using within a pill. Sta area. S	l for clea vear. Us or later of non-spa nother of ay upwir Stop spil	an-up of la se a non- disposal. arking ma container. nd and aw l or releas	rge spills. combustib Do not us terials (e.ç ay from sj e if it can
6.1	Spills: Work & Hygiene Practices:	Before clear Equipment. Small Spills: material suc water or a m plastic broom Large Spills: or release. I done with mi 7. Do not eat, container(s).	6. ACCIE Plastic or rubt Wear appropri h as vermiculit naterial such a s, shovels, du Keep incomp solate immedia nimal risk. We	DENTA or leak, ber gloves riate prote te or sand as "speedy ustpans) an patible mat ate hazarce ear approp ING & te when h as intende	L RE individu s, respire ctive ed d to soad d to soad d dry" to nd plac terials (d area a priate pr STO nandling ed, no a	ELEAS uals involv ator, eye p quipment ak up the p soak up e into a pla e.g., orga and keep u rotective e RAGE g this proc additional	ved in spi protection including g product ar material. astic conta nics such inauthorize quipment INFOF duct. Cor protective	II cleanup and apron gloves and nd place in Sweep up ainer or pla as oil) awa ed personn including re RMATIC ntents undu equipmen	must w may be protecti to a cor o materia stic liner by from s el out of espirator DN er press t is neco	required ve eyew ttainer fe al using within a spill. Sta area. S y protec	I for clea vear. Us or later of non-spa another of ay upwir Stop spil stion as of andle a	an-up of la se a non- disposal. arking ma container. nd and aw l or releas conditions s to avoid	rge spills. combustib Do not us terials (e.s ay from s e if it can warrant.
7.1	Work & Liveing Departures	Before clear Equipment. Small Spills: material suc water or a m plastic broom Large Spills: or release. I done with mi 7. Do not eat, container(s). contact is pos Use and sto sunlight. Avo	6. ACCID Plastic or rubb Wear appropri- h as vermiculit haterial such a hs, shovels, du Keep incomp solate immedia nimal risk. We HANDLI drink or smok When used a	DENTA or leak, ber gloves riate prote te or sand as "speedy ustpans) an patible mai ate hazarce ear approp ING & ce when h as intende unintentior dry, well-we es above	L RE individu s, respire ctive ed t to soa d to	ELEAS uals involv ator, eye p quipment ak up the p soak up e into a pla e.g., organ nd keep u rotective e RAGE g this prod additional dues with s d location Keep aw	ved in spi protection including (product ar material. astic conta nics such inauthorize quipment INFOF duct. Cor protective soap and v (e.g., loc ay from inc	II cleanup and apron gloves and nd place in Sweep up iner or pla as oil) awa ed personn including re RMATIC ntents und equipmen warm wate al exhaust compatible	must w may be protecti to a cor o materia stic liner by from s el out of espirator DN er press t is nece r. ventilat substar	required ve eyew tainer fo al using within a spill. Sta area. S y protect uure. H esssary.	I for clea wear. Us or later of non-spa another of ay upwir Stop spil tion as of andle a Use ch s) away	an-up of la se a non- disposal. arking ma container. nd and aw l or releas conditions s to avoid memical go	rge spills. combustib Do not us terials (e.g ay from sp e if it can warrant. d puncturi oggles if e at and dire
7.1	Work & Hygiene Practices:	Before clear Equipment. Small Spills: material suc water or a m plastic broom Large Spills: or release. I done with mi 7. Do not eat, container(s). contact is pos Use and sto sunlight. Avo damage. To	6. ACCIE Plastic or rubb Wear appropri- h as verniculiti haterial such a hs, shovels, du Keep incomp solate immedia nimal risk. We HANDLI drink or smok When used a ssible. Wash u re in a cool, do id temperature	DENTA or leak, ber gloves riate prote te or sand as "speedy ustpans) an patible mai ate hazarce ear approp ING & ce when h as intende unintentior dry, well-we es above of tional spra	L RE individu s, respire ctive ed t to soa d to	ELEAS uals involv ator, eye p quipment ak up the p soak up e into a pla e.g., organ nd keep u rotective e RAGE this proo additional dues with s d location Keep aw ep cap in	ved in spi protection including (product ar material. astic conta nics such inauthorize quipment INFOF duct. Cor protective soap and v (e.g., loc ay from inc place whe	II cleanup and apron gloves and nd place in Sweep up iner or pla as oil) awa ed personn including re RMATIC ntents und equipmen warm wate al exhaust compatible n not in use	must w may be protecti to a cor o materia stic liner by from s el out of espirator DN er press t is nece r. ventilat substar	required ve eyew tainer fo al using within a spill. Sta area. S y protect uure. H esssary.	I for clea wear. Us or later of non-spa another of ay upwir Stop spil tion as of andle a Use ch s) away	an-up of la se a non- disposal. arking ma container. nd and aw l or releas conditions s to avoid memical go	rge spills. combustib Do not us terials (e.g ay from sp e if it can warrant. d puncturi oggles if e at and dire
7.1	Work & Hygiene Practices:	Before clear Equipment. Small Spills: material suc water or a m plastic broom Large Spills: or release. I done with mi 7. Do not eat, container(s). contact is pos Use and sto sunlight. Avo damage. To Clean all spil	6. ACCIE Plastic or rubb Wear appropri- has vermiculiti haterial such a his, shovels, du Keep incomp solate immedia nimal risk. We HANDLI drink or smok When used a ssible. Wash u re in a cool, do id temperature avoid unintent	DENTA or leak, ber gloves riate prote te or sand as "speedy ustpans) an patible mat ate hazarce ear approp ING & te when h as intende unintentior dry, well-we es above tional spra pilled mate	L RE individu s, respire ctive ed t to soad d to soad d dry" to nd place terials (d area a priate pri STO andling ed, no a nal resid entilate 120 °F. yying ke erial ma	ELEAS uals involv ator, eye p quipment ak up the p soak up e into a pla e.g., organ ind keep u rotective e RAGE g this prod additional dues with s d location Keep aw ep cap in ay present	ved in spi protection i including (product ar material. astic conta nics such inauthorize quipment INFOF duct. Cor protective soap and v (e.g., loc ay from inc place whe a slipping	II cleanup and apron gloves and d place in Sweep up iner or pla as oil) awa ed personn including re RMATIC ntents und equipmen warm wate al exhaust compatible n not in us hazard.	must w may be protecti to a cor o materia stic liner y from s el out of espirator DN er press t is neco r. ventilat substar e.	required ve eyew tainer fo al using within a spill. Sta area. S y protec	I for clea wear. Us or later of non-spa another of ay upwir Stop spil tion as of andle a Use ch s) away	an-up of la se a non- disposal. arking ma container. nd and aw l or releas conditions s to avoid memical go	rge spills. combustib Do not us terials (e.g ay from s e if it can warrant. d puncturi oggles if e at and dire
7.1 7.2 7.3	Work & Hygiene Practices: Storage & Handling: Special Precautions: Exposure Limits:	Before clear Equipment. Small Spills: material suc water or a m plastic broom Large Spills: or release. I done with mi 7. Do not eat, container(s). contact is pos Use and sto sunlight. Avo damage. To Clean all spil	6. ACCIE Plastic or rubb Wear appropri- has vermiculiti haterial such a has, shovels, du Keep incomp solate immedia nimal risk. We HANDLI drink or smok When used a ssible. Wash u re in a cool, do id temperature avoid unintent is promptly. Sp	DENTA or leak, ber gloves riate prote te or sand as "speedy ustpans) an patible mat ate hazarce ear approp ING & te when h as intende unintentior dry, well-we es above tional spra pilled mate	L RE individu s, respira- cetive ed d to soad d to soad d reside d area a priate pr STO STO mandling ed, no a nal reside entilate 120 °F. yying ke erial ma	ELEAS uals involv ator, eye p quipment ak up the p soak up e into a pla e.g., organ ind keep u rotective e RAGE g this prod additional dues with s d location Keep aw ep cap in ay present	ved in spi protection i including (product ar material. astic conta nics such inauthorize quipment INFOF duct. Cor protective soap and v (e.g., loc ay from in place whe a slipping	II cleanup and apron gloves and d place in Sweep up iner or pla as oil) awa ed personn including re RMATIC ntents und equipmen warm wate al exhaust compatible n not in us hazard.	must w may be protecti to a cor o materia stic liner y from s el out of espirator DN er press t is neco r. ventilat substar e.	required ve eyew tainer fo al using within a spill. Sta area. S y protec	I for clea wear. Us or later of non-spa another of ay upwir Stop spil tion as of andle a Use ch s) away	an-up of la se a non- disposal. arking ma container. nd and aw l or releas conditions s to avoid memical go	rge spills. combustib Do not us terials (e.g ay from sp e if it can warrant. d puncturi oggles if e at and dire
7.1 7.2 7.3	Work & Hygiene Practices: Storage & Handling: Special Precautions:	Before clear Equipment. Small Spills: material suc water or a m plastic broom Large Spills: or release. I done with mi 7. Do not eat, container(s). contact is por Use and sto sunlight. Avo damage. To Clean all spill 8. EXPC CHEMICAL NAM	6. ACCIE hing any spill Plastic or rubb Wear appropri- has vermiculit haterial such a hs, shovels, du Keep incomp solate immedia nimal risk. We HANDLI drink or smok When used a ssible. Wash u re in a cool, do id temperature avoid unintent s promptly. Sp DSURE CO E(s)	DENTA or leak, ber gloves riate prote te or sand as "speedy ustpans) an patible mat ate hazarc ear approp ING & te when h as intende unintentior dry, well-ve es above ' tional spra pilled mate ONTR(TLV	L RE individu s, respira- cetive ed d to soa d to soa d reside terials (d area a priate pr STO sandling ed, no a nal resid entilate 120 °F. yying ke erial ma OLS SIH STEL	LEAS uals involvator, eye p quipment ak up the p o soak up e into a pla fe.g., organ and keep u rotective e RAGE g this prod additional dues with s d location Keep aw ep cap in ay present & PER ES-TWA	ved in spi protection i including (product ar material. astic conta nics such inauthorize quipment INFOF duct. Cor protective soap and v (e.g., loc ay from in- place whe a slipping SONA NOHSC ES-STEL	II cleanup and apron gloves and d place in Sweep up ainer or pla- as oil) awa ed personn including re RMATIC RMATIC ntents unde equipmen warm wate al exhaust compatible n not in us hazard. L PRO	must w may be protecti to a cor materia stic liner y from s el out of espirator DN er press t is neco r. ventilat substar e. TECT	required ve eyew tainer fu al using within a spill. Sta area. S y protect ure. H essary. ion, fan. ices. Pr ION OSHA STEL	I for clea year. Us or later of non-spa nother of ay upwir Stop spil tion as of andle a Use ch s) away otect co	an-up of la se a non- disposal. arking ma container. nd and aw l or releas conditions s to avoid memical go from hea intainers f	rge spills. combustib Do not us terials (e.g ay from sp e if it can warrant. d puncturi oggles if e at and dire rom physic
7.1	Work & Hygiene Practices: Storage & Handling: Special Precautions: Exposure Limits:	Before clear Equipment. Small Spills: material suc water or a m plastic broom Large Spills: or release. I done with mi 7. Do not eat, container(s). contact is pos Use and sto sunlight. Avo damage. To Clean all spill 8. EXPC CHEMICAL NAM WW GUM ROS	6. ACCIE Plastic or rubb Wear appropr h as vermiculit haterial such a hs, shovels, du Keep incomp solate immedia nimal risk. We HANDLI drink or smok When used a ssible. Wash u re in a cool, do id temperature avoid unintent s promptly. Sp DSURE CO E(s) SIN	DENTA or leak, ber gloves riate prote te or sand s "speedy ustpans) an patible mata ate hazarce ear approp ING & te when h as intende unintentior dry, well-ve es above 2 tional spra pilled mata ONTR(TLV NA	L RE individu s, respire cetive ed d to soad d to soad d read priate pr STO analling ed, no a nal resid entilate 120 °F. yying ke erial ma OLS BIH STEL NA	LEAS uals involvator, eye p quipment ak up the p soak up e into a pla e.g., organ and keep u rotective e RAGE g this prod additional dues with s d location Keep aw ep cap in ay present & PER ES-TWA NF	ved in spi protection i including (product ar material. astic conta nics such inauthorize quipment INFOF duct. Cor protective soap and v (e.g., loc ay from in- place whe a slipping SONA NOHSC ES-STEL NF	II cleanup and apron gloves and d place in Sweep up ainer or pla- as oil) awa ed personn including re RMATIC RMATIC ntents unde equipmen warm wate al exhaust compatible n not in us hazard. L PRO	must w may be protecti to a cor materia stic liner y from s el out of espirator DN er press t is necc r. ventilat substar e. TECT NA	required ve eyew tainer fu al using within a spill. Sta area. S y protect ure. H essary. ion, fan. ices. Pr TON OSHA STEL NA	I for clea year. Us or later of non-spa nother of ay upwir stop spil tion as of andle a Use ch s) away otect co	an-up of la se a non- disposal. arking ma container. nd and aw l or releas conditions s to avoid memical go from hea ntainers f	rge spills. combustib Do not us terials (e.g ay from sp e if it can warrant. d puncturi oggles if e at and dire rom physic
	Work & Hygiene Practices: Storage & Handling: Special Precautions: Exposure Limits: ppm (mg/m³)	Before clear Equipment. Small Spills: material suc water or a m plastic broom Large Spills: or release. I done with mi 7. Do not eat, container(s). contact is pos Use and sto sunlight. Avo damage. To Clean all spil 8. EXPC CHEMICAL NAM WW GUM ROS DYMEREX ROS	6. ACCIE hing any spill Plastic or rubk Wear appropri- has verniculiti haterial such a his, shovels, du Keep incomp solate immedia nimal risk. Weinist HANDLI drink or smok When used a ssible. Wash under the in a cool, do id temperature avoid unintent is promptly. Spinist DSURE CO E(s) SIN DSIN	DENTA or leak, ber gloves riate prote te or sand s "speedy ustpans) an patible mata ate hazarce ear approp ING & is when h as intende unintentior dry, well-vi- es above of tional spra pilled mata ONTR(Acco TLV NA 15	L RE individu s, respira- ctive ed to soad d to soad d to soad rate pri- strials (d area a priate pri- strials (d area a pri- strials (d area a pri- d area a pri- d area (d area a pri- d area a pri- d area (d area a d a	ELEAS uals involv ator, eye p quipment ak up the p o soak up e into a pla e.g., organ and keep u rotective e RAGE this prod additional dues with s d location Keep aw ep cap in ay present & PER ES-TWA NF 15	ved in spi protection i including (product ar material. astic conta nics such inauthorize quipment INFOF duct. Cor protective soap and v (e.g., loc ay from in place whe a slipping SONA NOHSC ES-STEL NF 3	II cleanup and apron gloves and d place in Sweep up iner or pla as oil) awa ed personn including re RMATIC ments und equipmen warm wate al exhaust compatible n not in us hazard. L PRO	must w may be protecti to a cor o materia stic liner by from s el out of espirator DN er press t is neco r. ventilat substar e. TECT NA 15	required ve eyew tainer fo al using within a spill. Sta area. S y protec uure. H esssary. ion, fan- ices. Pr TION OSHA STEL NA NA	I for clea year. Us or later of non-spa another of ay upwir Stop spil tion as of andle a Use ch s) away otect co	an-up of la se a non- disposal. arking ma container. nd and aw l or releas conditions s to avoid memical go from hea ontainers f	rge spills. combustib Do not us terials (e.g ay from s e if it can warrant. d puncturi oggles if e at and dire from physic cere at and dire from physic
7.1	Work & Hygiene Practices: Storage & Handling: Special Precautions: Exposure Limits:	Before clear Equipment. Small Spills: material suc water or a m plastic broom Large Spills: or release. I done with mi 7. Do not eat, container(s). contact is pos Use and sto sunlight. Avo damage. To Clean all spil 8. EXPC CHEMICAL NAM WW GUM RO DYMEREX RO General med exhaust vent	6. ACCIE hing any spill Plastic or rubk Wear appropri- has verniculiti haterial such a his, shovels, du Keep incomp solate immedia nimal risk. We HANDLI drink or smok When used a ssible. Wash u re in a cool, do id temperature avoid unintent s promptly. Sp DSURE CO E(s) SIN chanical (e.g., ilation to effect	DENTA or leak, ber gloves riate prote te or sand set speedy ustpans) and patible mata ate hazarce ear approp ING & ce when h as intended unintentior dry, well-we es above of tional spra pilled mate ONTRO TLV NA 15 fans) or r ctively ren	L RE individu s, respira- ective ec d to soad d to soad d to soad retrials (d area a priate pr STO anadling ed, no a nal resid entilate 120 °F. yying ke erial ma OLS GIH STEL NA 3 natural nove all	ELEAS uals involvator, eye p quipment ak up the p o soak up e into a pla e.g., organ and keep u rotective e RAGE this prod additional dues with s d location Keep aw ep cap in ay present & PER ES-TWA NF 15 ventilatior nd prevent	ved in spi protection i including (product ar material. astic conta nics such inauthorize quipment INFOF duct. Cor protective soap and v (e.g., loc ay from in place whe a slipping SONA NOHSC ES-STEL NF 3 n is suffici t buildup	II cleanup and apron gloves and d place in Sweep up iner or pla as oil) awa ed personn including re RMATIC ntents undi- equipmen warm wate al exhaust compatible n not in use hazard. L PRO ES-PEAK NF ent when f of vapors	must w may be protecti to a cor o materia stic liner by from s el out of espirator DN er press t is neco r. ventilat substar e. TECT NA 15 this proc or mist	required ve eyew tainer fe al using within a spill. Sta area. S y protect uure. H essary. ion, fan: ices. Pr TON osha stel NA NA duct is i general	I for clea wear. Us or later of non-spa nother of ay upwir Stop spil tion as of andle a Use ch s) away otect co	an-up of la se a non- disposal. arking ma container. nd and aw l or releas conditions s to avoid memical go from hea ntainers f OTHER SENSITIZ RESP FR Use loca the han	rge spills. combustib Do not us terials (e.g ay from s e if it can warrant. d puncturi ggles if e at and dire from physic ZER AC I or general dling of th
7.1	Work & Hygiene Practices: Storage & Handling: Special Precautions: Exposure Limits: ppm (mg/m ³) Ventilation & Engineering	Before clear Equipment. Small Spills: material suc water or a m plastic broom Large Spills: or release. I done with mi 7. Do not eat, container(s). contact is pos Use and sto sunlight. Avo damage. To Clean all spil 8. EXPC CHEMICAL NAM WW GUM RO DYMEREX RO General med exhaust vent product. Ens	6. ACCIE hing any spill Plastic or rubb Wear appropri- has verniculiti haterial such a his, shovels, du Keep incomp solate immedia nimal risk. We HANDLI drink or smok When used a ssible. Wash u re in a cool, do id temperature avoid unintent is promptly. Sp DSURE CO E(s) SIN chanical (e.g.,	DENTA or leak, ber gloves riate prote te or sand set speedy ustpans) and patible mata ate hazarce ear approp ING & ce when h as intended unintentior dry, well-we es above of tional spra pilled mate ONTRO TLV NA 15 fans) or r ctively rente te deconta	L RE individu s, respira- ective ec d to soad d to soad d to soad retrials (d area a priate pr STO anadling ed, no a nal resid entilate 120 °F. yying ke erial ma OLS GIH STEL NA 3 natural nove au minatio	ELEAS uals involvator, eye p quipment ak up the p o soak up e into a pla e.g., organ and keep u rotective e RAGE g this prod additional dues with s d location Keep aw ep cap in ay present & PER <u>Es-TWA</u> NF 15 ventilation	ved in spi protection i including (product ar material. astic conta nics such inauthorize quipment INFOF duct. Cor protective soap and v (e.g., loc ay from in place whe a slipping SONA NOHSC ES-STEL NF 3 n is suffici t buildup ent is avail	II cleanup and apron gloves and d place in Sweep up iner or pla as oil) awa ed personn including re RMATIC ntents undi- equipmen warm wate al exhaust compatible n not in use hazard. L PRO ES-PEAK NF ent when f of vapors able (e.g.,	must w may be protecti to a cor o materia stic liner by from s el out of espirator DN er press t is neco r. ventilat substar e. TECT NA 15 this proc or mist sink, sat	required ve eyew tainer fe al using within a apill. Sta area. S y protect uure. H essary. ion, fan: ices. Pr TON osha stel NA NA duct is i general fety shor	I for clea wear. Us or later of non-spa nother of ay upwir Stop spil tion as of andle a Use ch s) away otect co	an-up of la se a non- disposal. arking ma container. nd and aw l or releas conditions s to avoid memical go from hea ntainers f OTHER SENSITI RESP FR Use loca the han e-wash sta	rge spills. combustib Do not us terials (e.g ay from s e if it can warrant. d puncturi ggles if e at and dire from physic ZER AC I or general dling of th



Page 3 of 6 SDS-E-6400022

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0 S

SDS Revision Date: 6/10/2015

8.4	Eye Protection:	Avoid eye contact. Wear splash proof goggles or equivalent eye protection (ANSI Z87). Safety glasses need to be used when handling or using this product.
8.5	Hand Protection:	Impermeable gloves required. May cause skin irritation in some sensitive individuals. When handling wear rubber, nitrile or impervious plastic gloves.
8.6	Body Protection:	No apron required when handling small quantities. When handling large quantities (e.g., \geq 5 lbs), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.

9.1	Appearance:	Amber liquid
9.2	Odor:	Citrus odor
9.3	Odor Threshold:	NA
9.4	pH:	NA
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	NA
9.7	Flashpoint:	>93.3 °C (200 °F)
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	0.01 mm Hg @ 20 ℃
9.10	Vapor Density:	NA
9.11	Relative Density:	0.913
9.12	Solubility:	Negligible
9.13	Partition Coefficient (log Pow):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	NVC 60-70%

10. STABILITY & REACTIVITY

10.1	Stability:	Stable under normal conditions; unstable with heat or contamination.
10.2	Hazardous Decomposition Products:	Oxides of carbon (CO, CO ₂).
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Open flames, sparks, high heat, incompatible substances and direct sunlight.
10.5	Incompatible Substances:	Avoid extreme heat and ignition sources. Store away from oxidizers.

11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation: YES	Absorption:	YES	Ingestion:	YES
11.2	Toxicity Data:	This product has NOT been tested on animavailable for some of the components of the		ogy data. Toxicol	ogy data, found in sc	ientific literature, is
11.3	Acute Toxicity:	Moderate irritation to eyes and skin near a	ffected areas.			
11.4	Chronic Toxicity:	This material may aggravate any pre-exist	ing skin condition (e.	g., dermatitis).		
11.5	Suspected Carcinogen:	No.				
11.6	Reproductive Toxicity:	This product is not reported to produce rep	productive toxicity in	humans.		
	Mutagenicity:	This product is not reported to produce mu	utagenic effects in hu	mans.		
	Embryotoxicity:	This product is not reported to produce en	hbryotoxic effects in h	numans.		
	Teratogenicity:	This product is not reported to cause terat	ogenic effects in hum	nans.		
	Reproductive Toxicity:	This product is not reported to cause repro	ductive effects in hu	mans.		
11.7	Irritancy of Product:	The product can cause allergic skin reaction	ons (e.g., rashes, we	lts, dermatitis) upo	n prolonged or repea	ted exposure.
11.8	Biological Exposure Indices:	NE				
11.9	Physician Recommendations:	Treat symptomatically.				
		<u> </u>				
		12. ECOLOGIC	AL INFORMA	TION		
12.1	Environmental Stability:	There is no specific data available for this	product.			
10.0						

		Entri official ofdolin():	There is no specific data available for this product.
	12.2	Effects on Plants & Animals:	There are no specific data available for this product.
	12.3		There are no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.
. Г			



Page 4 of 6 SDS-E-6400022

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0

SDS Revision Date: 6/10/2015

		13. DISPOSAL CONSIDERATIONS
13.1	Waste Disposal:	Products covered by this MSDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Dispose of in accordance with federal, state and local regulations.
13.2	Special Considerations:	The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state, federal and provincial regulations.

14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 14.1 49 CFR (GND): NOT REGULATED IATA (AIR): 14.2 NOT REGULATED 14.3 IMDG (OCN): NOT REGULATED 14.4 TDGR (Canadian GND): NOT REGULATED ADR/RID (EU): 14.5 NOT REGULATED 14.6 SCT (MEXICO): NOT REGULATED ADGR (AUS): 14.7 NOT REGULATED

		15. REGULATORY INFORMATION			
15.1 SARA Reporting Requirements: This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.					
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.			
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.			
15.4	CERCLA Reportable Quantity (RQ):	Ethylene Oxide: 4.5 kg (10 lbs.)			
15.5	Other Federal Requirements:	NA			
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.			
15.7	State Regulatory Information:	No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).			
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: Irritant (Xi). <u>Risk Phrases</u> (R): 37/38-65 – Respiratory system and skin. Harmful – may cause lung damage if swallowed. <u>Safety Phrases</u> (S): S(2)- 23-24-62 - Keep out of the reach of children. Do not breathe fumes/mists/vapors/spray. Avoid contact with skin. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible.			



Page 5 of 6 **SDS-E-6400022**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0 SD

SDS Revision Date: 6/10/2015

		16. OTHER INFO	DRMATION
16.1	Other Information:	Avoid contact with skin. Wear suitable protective	I REACTION. Use only as directed. Keep out of reach of children. e clothing. In case of accident or if you feel unwell seek medical advice skin irritation occurs: get medical advice/attention. KEEP LOCKED UP
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	government regulations must be reviewed for Laboratories, Inc.'s knowledge, the information accuracy, suitability or completeness is not guar provided. The information contained herein rela	SHA's Hazard Communication Standard, 29 CFR §1910.1200. Other applicability to this product. To the best of ShipMate's & CAIG contained herein is reliable and accurate as of this date; however, anteed and no warranties of any type, either expressed or implied, are tes only to the specific product(s). If this product(s) is combined with be considered. Data may be changed from time to time. Be sure to
16.4	Prepared for:	CAIG Laboratories, Inc. 12200 Thatcher Court Poway, CA 92064-6876 Tel: +1 (800) CAIG-123 (244-4123) Fax: +1 (858) 486-8398 fax http://www.caig.com/	EABORATORIES, INC.
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate Dangerous Goods Training & Consulting



Page 6 of 6 SDS-E-6400022

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0

SDS Revision Date: 6/10/2015

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No. Chemical Abstract Service Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists			
C	Ceiling Limit			
ES	Exposure Standard (Australia)			
IDLH	Immediately Dangerous to Life and Health			
OSHA	U.S. Occupational Safety and Health Administration			
PEL	Permissible Exposure Limit			
STEL	Short-Term Exposure Limit			
TLV	Threshold Limit Value			
TWA	Time Weighted Average			

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body.

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard	HEALTH
1	Slight Hazard	FLAMMABILITY
2	Moderate Hazard	PHYSICAL HAZARDS
3	Severe Hazard	PERSONAL PROTECTION
4	Extreme Hazard	

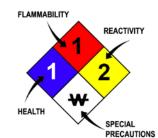
PERSONAL PROTECTION RATINGS:

Α	0		G							
в	0		Н							
С	0		I							
D	E		J			Î				
Е	0		к	() ()						
F	0		X	Consult y special ha						
Sa	fety Glasse	es Splash Goggles		Face Shield & Gloves						
	Boots	Synthetic Apron		tive Clothin Full Suit	^{ng} [Oust Resp	birator			
Full F	Face Respire	rator Dust & Vapor Half- Mask Respirator		Full Face Respirator						
отн	ER STAN	DARD ABBREVIATIONS	S:							
	ML	Maximum Limit								
	mg/m3	milligrams per cubic meter								
	NA	Not Available								
	ND	Not Determined								
	NE	Not Established								
	NF	Not Found								
	NR	No Results								
	ppm	parts per million								
1	SCBA Self-Contained Breathing Apparatus									

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:							
Autoignition	Minimum temperature required to initiate combustion in air with no other						
Temperature	source of ignition						
LEL							
explode or ignite in the presence of an ignition source							
UEL Upper Explosive Limit - highest percent of vapor in air, by volume, that wil							
explode or ignite in the presence of an ignition source							

HAZARD RATINGS: 0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Severe Hazard 4 Extreme Hazard ACD Acidic ALK Alkaline COR Corrosive W Use No Water



TOXICOLOGICAL INFORMATION:

OX Oxidizer

TREFOIL Radioactive

	Theorem on the second se
LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD _{lo}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD _{lo} , LD _{lo} , & LD _o or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC _o , LC _{io} , & LC _o	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TLm	Median threshold limit
log Kow or log Koc	Coefficient of OilWater Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

\bigcirc	۲			Ð	۲		Ĩ			
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F			
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive			

EC (67/548/EEC) INFORMATION:

			¥	الله الله الله الله الله الله الله الله		×	×		
С	ш	F	Ν	0	т	Xi	Xn		
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful		

CLP/GHS (1272/2008/EC) PICTOGRAMS:

			\Diamond			\:		
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment