



		entification
Product identifier	EasySeal Ultimate-LS/UV (4050-11, 4050-12)	
Other means of identification	Not available	
Recommended use	Refrigerant leak sealant	
Recommended restrictions	None known.	
Manufacturer information	Nu-Calgon 2611 Schuetz Road St. Louis, MO 63043 US Phone: 314-469-7000 / 800-554-5499 Emergency Phone: 1-800-424-9300 (CHEMTREC)	
Supplier	See above.	
	2. Hazards Identificat	ion
Physical hazards	Flammable liquids	Category 3
Health hazards	Skin corrosion/irritation	Category 1B
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
	Specific target organ toxicity, repeated exposure	Category 2
Environmental hazards	Not classified.	
WHMIS 2015 defined hazards	Not classified	
Label elements		
Signal word Hazard statement		re skin burns and eye damage. May cause an allergic
Hazard statement	•	
-	Flammable liquid and vapor. Causes sever skin reaction. May cause damage to organ Keep away from heat, hot surfaces, sparks Keep container tightly closed. Ground and explosion-proof electrical, ventilating and li to prevent static discharges. Wear protection	s through prolonged or repeated exposure. s, open flames and other ignition sources. No smoking bond container and receiving equipment. Use ghting equipment. Use non-sparking tools. Take action ve gloves, protective clothing, eye protection and face /ash thoroughly after handling. Contaminated work
Hazard statement Precautionary statement	Flammable liquid and vapor. Causes sever skin reaction. May cause damage to organ Keep away from heat, hot surfaces, sparks Keep container tightly closed. Ground and explosion-proof electrical, ventilating and li to prevent static discharges. Wear protection protection. Do not breathe mist or vapor. W clothing should not be allowed out of the w In case of fire: Use appropriate media to ex- induce vomiting. IF ON SKIN (or hair): Tak- with water. Wash contaminated clothing be and keep comfortable for breathing. If skin Immediately call a POISON CENTER or do	s through prolonged or repeated exposure. , open flames and other ignition sources. No smoking, bond container and receiving equipment. Use ghting equipment. Use non-sparking tools. Take actior ve gloves, protective clothing, eye protection and face /ash thoroughly after handling. Contaminated work
Hazard statement Precautionary statement Prevention	Flammable liquid and vapor. Causes sever skin reaction. May cause damage to organ Keep away from heat, hot surfaces, sparks Keep container tightly closed. Ground and explosion-proof electrical, ventilating and li to prevent static discharges. Wear protection protection. Do not breathe mist or vapor. W clothing should not be allowed out of the w In case of fire: Use appropriate media to ex- induce vomiting. IF ON SKIN (or hair): Tak- with water. Wash contaminated clothing be and keep comfortable for breathing. If skin Immediately call a POISON CENTER or do IF IN EYES: Rinse cautiously with water fo	s through prolonged or repeated exposure. s, open flames and other ignition sources. No smoking bond container and receiving equipment. Use ghting equipment. Use non-sparking tools. Take action ve gloves, protective clothing, eye protection and face /ash thoroughly after handling. Contaminated work orkplace. ttinguish. IF SWALLOWED: Rinse mouth. Do NOT e off immediately all contaminated clothing. Rinse skir fore reuse. IF INHALED: Remove person to fresh air irritation or rash occurs: Get medical advice/attention. boctor. Specific treatment (see information on this label) r several minutes. Remove contact lenses, if present
Hazard statement Precautionary statement Prevention Response	Flammable liquid and vapor. Causes sever skin reaction. May cause damage to organ Keep away from heat, hot surfaces, sparks Keep container tightly closed. Ground and explosion-proof electrical, ventilating and li to prevent static discharges. Wear protectiv protection. Do not breathe mist or vapor. W clothing should not be allowed out of the w In case of fire: Use appropriate media to ex- induce vomiting. IF ON SKIN (or hair): Tak with water. Wash contaminated clothing be and keep comfortable for breathing. If skin Immediately call a POISON CENTER or do IF IN EYES: Rinse cautiously with water fo and easy to do. Continue rinsing. Store in a well-ventilated place. Keep cool.	s through prolonged or repeated exposure. s, open flames and other ignition sources. No smoking bond container and receiving equipment. Use ghting equipment. Use non-sparking tools. Take action ve gloves, protective clothing, eye protection and face /ash thoroughly after handling. Contaminated work orkplace. ttinguish. IF SWALLOWED: Rinse mouth. Do NOT e off immediately all contaminated clothing. Rinse skir fore reuse. IF INHALED: Remove person to fresh air irritation or rash occurs: Get medical advice/attention. boctor. Specific treatment (see information on this label) r several minutes. Remove contact lenses, if present
Hazard statement Precautionary statement Prevention Response Storage Disposal WHMIS 2015: Health Hazard(s) not otherwise classified	Flammable liquid and vapor. Causes sever skin reaction. May cause damage to organ Keep away from heat, hot surfaces, sparks Keep container tightly closed. Ground and explosion-proof electrical, ventilating and li to prevent static discharges. Wear protectiv protection. Do not breathe mist or vapor. W clothing should not be allowed out of the w In case of fire: Use appropriate media to ex- induce vomiting. IF ON SKIN (or hair): Tak with water. Wash contaminated clothing be and keep comfortable for breathing. If skin Immediately call a POISON CENTER or do IF IN EYES: Rinse cautiously with water fo and easy to do. Continue rinsing. Store in a well-ventilated place. Keep cool.	s through prolonged or repeated exposure. s, open flames and other ignition sources. No smoking bond container and receiving equipment. Use ghting equipment. Use non-sparking tools. Take action ve gloves, protective clothing, eye protection and face /ash thoroughly after handling. Contaminated work orkplace. tringuish. IF SWALLOWED: Rinse mouth. Do NOT e off immediately all contaminated clothing. Rinse skir offore reuse. IF INHALED: Remove person to fresh air irritation or rash occurs: Get medical advice/attention. botor. Specific treatment (see information on this label) r several minutes. Remove contact lenses, if present Store locked up.
Hazard statement Precautionary statement Prevention Response Storage	Flammable liquid and vapor. Causes sever skin reaction. May cause damage to organ Keep away from heat, hot surfaces, sparks Keep container tightly closed. Ground and explosion-proof electrical, ventilating and li to prevent static discharges. Wear protection protection. Do not breathe mist or vapor. W clothing should not be allowed out of the w In case of fire: Use appropriate media to ex- induce vomiting. IF ON SKIN (or hair): Tak with water. Wash contaminated clothing be and keep comfortable for breathing. If skin Immediately call a POISON CENTER or do IF IN EYES: Rinse cautiously with water for and easy to do. Continue rinsing. Store in a well-ventilated place. Keep cool. Dispose of container in accordance with low	s through prolonged or repeated exposure. s, open flames and other ignition sources. No smoking, bond container and receiving equipment. Use ghting equipment. Use non-sparking tools. Take action ve gloves, protective clothing, eye protection and face /ash thoroughly after handling. Contaminated work orkplace. tringuish. IF SWALLOWED: Rinse mouth. Do NOT e off immediately all contaminated clothing. Rinse skin offore reuse. IF INHALED: Remove person to fresh air irritation or rash occurs: Get medical advice/attention. botor. Specific treatment (see information on this label) r several minutes. Remove contact lenses, if present Store locked up.
Hazard statement Precautionary statement Prevention Response Storage Disposal WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC) WHMIS 2015: Physical Hazard(s) not otherwise	Flammable liquid and vapor. Causes sever skin reaction. May cause damage to organ Keep away from heat, hot surfaces, sparks Keep container tightly closed. Ground and explosion-proof electrical, ventilating and li to prevent static discharges. Wear protection protection. Do not breathe mist or vapor. W clothing should not be allowed out of the w In case of fire: Use appropriate media to ex- induce vomiting. IF ON SKIN (or hair): Tak with water. Wash contaminated clothing be and keep comfortable for breathing. If skin Immediately call a POISON CENTER or do IF IN EYES: Rinse cautiously with water for and easy to do. Continue rinsing. Store in a well-ventilated place. Keep cool. Dispose of container in accordance with low None known	s through prolonged or repeated exposure. a, open flames and other ignition sources. No smoking bond container and receiving equipment. Use ghting equipment. Use non-sparking tools. Take action ve gloves, protective clothing, eye protection and face /ash thoroughly after handling. Contaminated work orkplace. tringuish. IF SWALLOWED: Rinse mouth. Do NOT e off immediately all contaminated clothing. Rinse skir offore reuse. IF INHALED: Remove person to fresh air irritation or rash occurs: Get medical advice/attention. botor. Specific treatment (see information on this label) r several minutes. Remove contact lenses, if present Store locked up.

3. Composition/Information on Ingredients

Mixture			
Chemical name	Common name and synonyms	CAS number	%
1-Propanamine, 3-(triethoxysilyl)-		919-30-2	10-30*
2-Butanone, O,O',O''-(methylsilylidyne)trioxime		22984-54-9	10-30*
2-butyl-6-(butylamino)-1h-benz[de]i soquinoline-1,3(2h)-dione		19125-99-6	10-30*
Distillates (petroleum), hydrotreated light naphthenic		64742-53-6	10-30*
Methyl triethoxysilane		2031-67-6	15-40*

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition	on comments

US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

*CANADA GHS: The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures		
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.	
Skin contact	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse. Specific treatment (see information on this label). If skin irritation or rash occurs: Get medical attention.	
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.	
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.	
Most important symptoms/effects, acute and delayed	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Prolonged exposure may cause chronic effects.	
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.	
General information	Take off all contaminated clothing immediately. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. Avoid contact with eyes and skin. Keep out of reach of children.	
	5. Fire Fighting Measures	
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide.	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.	
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.	
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.	
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.	
General fire hazards	Flammable liquid and vapor.	
Hazardous combustion	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.	
products		
	6. Accidental Release Measures	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages	

cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smo combustibles (wood, paper, oil, etc.) against static discharge. Use only no	away from spilled material. Tal	
	Large Spills: Stop the flow of materia possible. Cover with plastic sheet to vermiculite, sand or earth to soak up Following product recovery, flush are	prevent spreading. Use a non- the product and place into a co	combustible material like
	Small Spills: Absorb with earth, sand for later disposal. Wipe up with abso remove residual contamination.		
	Never return spills to original contain	ers for re-use. For waste dispo	sal, see section 13 of the SDS.
Environmental precautions	Do not discharge into lakes, streams	, ponds or public waters.	
	7. Handling and	Storage	
Precautions for safe handling	Do not handle, store or open near ar material from direct sunlight. When u ventilation. All equipment used when measures against static discharges. not breathe mist or vapor. Do not ge protective equipment. Wash thoroug handling this material. When using d	ising do not smoke. Explosion- handling the product must be Use non-sparking tools and ex t in eyes, on skin, or on clothing hly after handling. Use good ind	proof general and local exhaust grounded. Take precautionary plosion-proof equipment. Do g. Wear appropriate personal
Conditions for safe storage, including any incompatibilities	Store locked up. Keep away from he build-up by using common bonding a direct sunlight. Store in original tightl area equipped with sprinklers. Keep	and grounding techniques. Stor y closed container. Store in a w	e in a cool, dry place out of
	8. Exposure Controls/Per	sonal Protection	
Occupational exposure limits			
Canada. Alberta OELs (Occu	upational Health & Safety Code, Sch	edule 1, Table 2)	
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Canada. Manitoba OELs (Re	g. 217/2006, The Workplace Safety /	And Health Act)	
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m3	Inhalable fraction.

Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment)

Components	Туре	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
US. OSHA Table Z-1 Limits for Air C	ontaminants (29 CFR 1910.	1000)	
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	PEL	5 mg/m3	Mist.
,		2000 mg/m3	
		500 ppm	
US. ACGIH Threshold Limit Values			
Components	Туре	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	TWA	5 mg/m3	Inhalable fraction.

US. NIOSH: Pocket Guide Components	to Chemical Hazards Type	Value	Form
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)	Ceiling	1800 mg/m3	
	STEL	10 mg/m3	Mist.
Biological limit values	No biological exposure limits noted for	or the ingredient(s).	
Appropriate engineering controls	should be matched to conditions. If a or other engineering controls to main	Ily 10 air changes per hour) should be used. Ventilation rates s. If applicable, use process enclosures, local exhaust ventilation, maintain airborne levels below recommended exposure limits. If established, maintain airborne levels to an acceptable level.	
individual protection measure	s, such as personal protective equipme	ent	
Eye/face protection	Wear safety glasses with side shields	s (or goggles) and a face shield.	
Skin protection			
Hand protection	Impervious gloves. Confirm with rep	utable supplier first.	
Other	Wear appropriate chemical resistant required by employer code.	clothing. Use of an impervious a	apron is recommended. As
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended expo limits (where applicable) or to an acceptable level (in countries where exposure limits hav been established), an approved respirator must be worn. Where exposure guideline levels exceeded, use an approved NIOSH respirator.		e exposure limits have not
Thermal hazards	Not applicable.		
General hygiene considerations	When using do not smoke. Always of after handling the material and before clothing and protective equipment to be allowed out of the workplace.	e eating, drinking, and/or smokir	ng. Routinely wash work

9. Physical and Chemical Properties		
Appearance	Clear	
Physical state	Liquid.	
Form	Liquid.	
Color	Yellow	
Odor	Amine	
Odor threshold	Not available.	
рН	Not available.	
Melting point/freezing point	Not available.	
Initial boiling point and boiling range	Not available.	
Pour point	Not available.	
Specific gravity	Not available.	
Partition coefficient (n-octanol/water)	Not available.	
Flash point	107.6 °F (42.0 °C) Closed Cup	
Evaporation rate	Not available.	
Flammability (solid, gas)	Not applicable.	
Upper/lower flammability or exp	losive limits	
Flammability limit - lower (%)	Not available.	
Flammability limit - upper (%)	Not available.	
Explosive limit - lower (%)	Not available.	
Explosive limit - upper (%)	Not available.	
Vapor pressure	Not available.	
Vapor density	Not available.	
Relative density	Not available.	
Solubility(ies)	Not available.	
Auto-ignition temperature	Not available.	

Decomposition temperature	Not available.		
 Viscosity	Not available.		
Other information			
Explosive properties	Not explosive.		
Oxidizing properties	Not oxidizing.		
	10. Stability and F	Reactivity	
Reactivity	This product may react with strong o	xidizing agents.	
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.		
Chemical stability	Material is stable under normal cond	itions.	
Conditions to avoid	Avoid heat, sparks, open flames and flash point. Do not mix with other che	other ignition sources. Avoid temperatures exceeding the emicals.	
Incompatible materials	Strong oxidizing agents.		
Hazardous decomposition products	May include and are not limited to: O	xides of carbon. Oxides of nitrogen.	
	11. Toxicological li	nformation	
Routes of exposure	Eye, Skin contact, Inhalation, Ingesti	on.	
nformation on likely routes of	exposure		
Ingestion	Causes digestive tract burns. May ca	use stomach distress, nausea or vomiting.	
Inhalation	May cause damage to organs throug irritation to the respiratory system.	h prolonged or repeated exposure by inhalation. May cause	
Skin contact	Causes severe skin burns. May caus	e an allergic skin reaction.	
Eye contact	Causes serious eye damage.		
Symptoms related to the ohysical, chemical and toxicological characteristics		kin damage. Causes serious eye damage. Symptoms may velling, and blurred vision. Permanent eye damage including	
nformation on toxicological ef	fects		
Acute toxicity	May cause an allergic skin reaction.		
Components	Species	Test Results	
I-Propanamine, 3-(triethoxysilyl)	- (CAS 919-30-2)		
Acute Dermal			
LD50	Rabbit	> 6 ml/kg, 24 Hours, ECHA	
		4.3 ml/kg, 24 Hours, ECHA	
		4 ml/kg, 24 Hours, ECHA	
	Rat	8 - 16 ml/kg, 24 Hours, ECHA	
Inhalation	Kat	0 10 m/kg, 24 Houis, 20 m/	
LC50	Rat	> 16 ppm, 6 Hours, ECHA	
		> 7.4 mg/L, 4 Hours, ECHA	
		> 5 ppm, 6 Hours, ECHA	
Oral		· · · · · · · · · · · · · · · · · · ·	
LD50	Mouse	2000 mg/kg, ECHA	
		530 mg/kg, ECHA	
	Rat	1780 mg/kg, Sigma Aldrich	
		7.1 ml/kg, ECHA	
		6.5 ml/kg, ECHA	
		3.7 ml/kg, ECHA	
		3 ml/kg, ECHA	
		2.8 ml/kg, ECHA	
		1.6 ml/kg, ECHA	

Compone	nts	Species	Test Results
2-Butanon	e, O,O',O"-(methylsilylid	yne)trioxime (CAS 22984-54-9)	
A	cute		
	Dermal		
	D50	Rat	> 2000 mg/kg, 24 Hours, ECHA
	nhalation	N	
	.C50	Not available	
	Dral		
L	.D50	Rat	2463 mg/kg, ECHA
			2453 mg/kg, ECHA
		isoquinoline-1,3(2h)-dione (CAS 19125-99-6)	
	cute		
	Dermal D50	Rat	8157 mg/kg, ECHA
		Rai	8157 mg/kg, ECHA
	nhalation .C50	Not available	
	Dral D50	Rat	6658 mg/kg, ECHA
			0000 mg/kg, 20 m
	(petroleum), hydrolreate Acute	d light naphthenic (CAS 64742-53-6)	
	Dermal		
	.D50	Rabbit	> 5000 mg/kg, 24 Hours
			> 2000 mg/kg
			> 2000 mg/kg, 24 Hours
	nhalation		2000 mg/kg, 21 hours
	.C50	Rat	< 5.7 mg/L, 4 Hours
			> 5.5 mg/L, 4 Hours
			> 5.3 mg/L, 4 Hours
			-
			> 5.2 mg/L, 4 Hours
			> 4 mg/L, 4 Hours
			> 3.9 mg/L, 4 Hours
			2.2 mg/L, 4 Hours
	Dral		
L	D50	Rat	> 2000 mg/kg
			5000 mg/kg
Methyl trie	thoxysilane (CAS 2031-	67-6)	
A	cute		
	Dermal		
L	D50	Rabbit	> 14240 mg/kg, 24 Hours, ECHA
			11837 mg/kg, 24 Hours, ECHA
		Rat	> 2007 mg/kg, 24 Hours, ECHA
	nhalation		
L	.C50	Rat	> 13500 mg/m3, 4 Hours, ECHA
	Dral		
L	.D50	Rat	> 2007 mg/kg, ECHA
			7627 mg/kg
Skin corro	osion/irritation	Causes severe skin burns and eye damage.	
Expo	sure minutes	Not available.	
Eryth	ema value	Not available.	
Oede	ma value	Not available.	
Serious e	ye damage/eye	Causes serious eye damage.	
Corne	eal opacity value	Not available.	

Iris lesion value	Not available.		
Conjunctival reddening value	Not available.		
Conjunctival oedema value	Not available.		
Recover days	Not available.		
Respiratory or skin sensitization	n		
Respiratory sensitization	Not a respiratory sensitizer.		
Skin sensitization	May cause an allergic skin reaction	n.	
Mutagenicity	, ,	uct or any components present at greater than 0.1% are	
Carcinogenicity	Contains < 3% (w/w) DMSO-extra	ct	
ACGIH Carcinogens			
Distillates (petroleum), hy (CAS 64742-53-6)	ydrotreated light naphthenic A2	2 Suspected human carcinogen.	
POORLY AND MILDLY F	ING METAL WORKING FLUIDS, SU REFINED (CAS 64742-53-6)	uspected human carcinogen.	
US NTP Report on Carcinog			
(CAS 64742-53-6)	ydrotreated light naphthenic Ki ulated Substances (29 CFR 1910.1	nown To Be Human Carcinogen. 001-1050)	
Not listed.	· ·	,	
Reproductive toxicity	This product is not expected to ca	use reproductive or developmental effects.	
Teratogenicity	Not available.		
Specific target organ toxicity - single exposure	Not classified.		
Specific target organ toxicity - repeated exposure	May cause damage to organs thro	bugh prolonged or repeated exposure.	
Aspiration hazard	Not an aspiration hazard.		
Chronic effects	May cause damage to organs thro	bugh prolonged or repeated exposure.	
	12. Ecological	Information	
Ecotoxicity	See below		
Ecotoxicological data			
Components	Species	Test Results	
Distillates (petroleum), hydrotreate	ed light naphthenic (CAS 64742-53-6	6)	
Crustacea	EC50 Daphnia	1000 mg/L, 48 Hours	
Persistence and degradability	No data is available on the degrad	lability of this product.	
Bioaccumulative potential	No data available.		
Mobility in soil	No data available.		
Mobility in general	Not available.		
Other adverse effects		effects (e.g. ozone depletion, photochemical ozone creation obal warming potential) are expected from this component.	
	13. Disposal Co	nsiderations	
Disposal instructions		sealed containers at licensed waste disposal site. Dispose of with local/regional/national/international regulations.	
Local disposal regulations	Dispose in accordance with all ap		
Hazardous waste code		ed in discussion between the user, the producer and the waste	
Waste from residues / unused products		al regulations. Empty containers or liners may retain some ad its container must be disposed of in a safe manner (see:	
Contaminated packaging		ain product residue, follow label warnings even after container is I be taken to an approved waste handling site for recycling or	

Transport of Dangerous Goods (TDG) Proof of Classification	Classification Method: Classified as per Part 2, Sections $2.1 - 2.8$ of the Transportation of Dangerous Goods Regulations. If applicable, the technical name and the classification of the product will appear below.
U.S. Department of Transportation	on (DOT)
Basic shipping requirement	S:
UN number	UN2920
Proper shipping name	Corrosive liquids, flammable, n.o.s
Technical name	1-Propanamine, 3-(triethoxysilyl)-
Technical name	Methyl triethoxysilane
Hazard class	Limited Quantity - US
Packing group	
Special provisions	B2, IB2, T11, TP2, TP27
Packaging exceptions	<1L - Limited Quantity
Transportation of Dangerous Go	oods (TDG - Canada)
Basic shipping requirement	S:
UN number	UN2920
Proper shipping name	CORROSIVE LIQUID, FLAMMABLE, N.O.S.
Technical name	1-Propanamine, 3-(triethoxysilyl)-
Technical name	Methyl triethoxysilane
Hazard class	Limited Quantity - Canada
Packing group	
Special provisions	16
Packaging exceptions	<1L - Limited Quantity
DOT; TDG	
	15. Regulatory Information
Canadian federal regulations	This product has been classified in accordance with the hazard criteria of the HPR and the SE

Canadian federal regulations	This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.			
Export Control List (CEPA 2	1999, Schedule 3)			
Not listed.				
Greenhouse Gases				
Not listed.				
Precursor Control Regulation	ons			
Not regulated.				
WHMIS 2015 Exemptions	Not applicable			
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.			
	All chemicals used are on the TSCA inventory.			
TSCA Section 12(b) Export	Notification (40 CFR 707, Subpt. D)			
Not regulated.				
CERCLA Hazardous Substance List (40 CFR 302.4)				
Not listed.				
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)				
Not listed.				
Superfund Amendments and Reauthorization Act of 1986 (SARA)				
Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No			

SARA 302 Extremely hazardous substance	No		
SARA 311/312 Hazardous chemical	No		
SARA 313 (TRI reporting) Not regulated.			
Other federal regulations			
Clean Air Act (CAA) Section	112 Hazardous Air Pollutants	(HAPs) List	
Not regulated. Clean Air Act (CAA) Section	112(r) Accidental Release Pre	vention (40 CFR 68.130)	
Not regulated.			
US state regulations	See below		
US - California Hazardo	us Substances (Director's): Lis	sted substance	
Distillates (petroleum (CAS 64742-53-6)	i), hydrotreated light naphthenic	Listed.	
US - Minnesota Haz Sub	s: Listed substance		
Distillates (petroleum (CAS 64742-53-6)	n), hydrotreated light naphthenic	Listed.	
US - Texas Effects Scre	ening Levels: Listed substance	e	
	(triethoxysilyl)- (CAS 919-30-2)	Listed.	
(CAS 22984-54-9)	O"-(methylsilylidyne)trioxime	Listed.	
h)-dione (CAS 19125			
(CAS 64742-53-6)	i), hydrotreated light naphthenic		
Methyl triethoxysilan US. Massachusetts RTM	· · · · · · · · · · · · · · · · · · ·	Listed.	
	 and Community Right-to-Know 	· · · · · · · · · · · · · · · · · · ·	
Not regulated.			
US. Pennsylvania Work	er and Community Right-to-Kn	ow Law	
Not listed.			
US. Rhode Island RTK		(0.4.0.0.47.40.50.0)	
	 hydrotreated light naphthenic ((CAS 64742-53-6)	
US. California Proposition 6 Not Listed.	5		
Inventory status			
Country(s) or region	Inventory name		On inventory (yes/no)*

Country(s) or region	Inventory name On in	nventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
*A "Yes" indicates that all compon	ents of this product comply with the inventory requirements administered by the governing c	ountry(s)

HEALTH * 2	
FLAMMABILITY 2	2 0
PHYSICAL HAZARD 0	
PERSONAL X	

16. Other Information

The information in the sheet was written based on the best knowledge and experience currently available. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

LEGEND

4 3

2

1 0

Severe

Serious Moderate

Slight

Minimal

Disclaimer

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Other information	For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.