



	1. Product and Company I	dentification
Product identifier	Gas Leak Detector (4180-53, 4832-C9)	
Other means of identification	Not available	
Recommended use	Gas Leak Detector	
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 (CH	IEMTREC)
Supplier	See above.	
	2. Hazards Identific	cation
Physical hazards	Flammable liquids	Category 3
Health hazards	Serious eye damage/eye irritation	Category 2
	Carcinogenicity	Category 2
Environmental hazards	Not classified.	
WHMIS 2015 defined hazards	Not classified	
Signal word	Warning	
Hazard statement	Flammable liquid and vapor. Causes se	rious eye irritation. Suspected of causing cancer.
Precautionary statement		
Prevention	Keep container tightly closed. Ground an explosion-proof electrical, ventilating and to prevent static discharges. Wash thore	rks, open flames and other ignition sources. No smoking. nd bond container and receiving equipment. Use d lighting equipment. Use non-sparking tools. Take action bughly after handling. Obtain special instructions before utions have been read and understood. Wear protective on and face protection.
Response	contaminated clothing. Rinse skin with v for several minutes. Remove contact le	extinguish. IF ON SKIN (or hair): Take off immediately all vater or shower. IF IN EYES: Rinse cautiously with water nses, if present and easy to do. Continue rinsing. If eye IF exposed or concerned: Get medical attention.
Storage	Store in a well-ventilated place. Keep co	ol. Store locked up.
Disposal	Dispose of container in accordance with	local, regional, national and international regulations.
WHMIS 2015: Health Hazard(s) not otherwise classified (HHNOC)	None known	
WHMIS 2015: Physical Hazard(s) not otherwise classified (PHNOC)	None known	

Hazard(s) not otherwise None known. classified (HNOC) Supplemental information None.

3. Composition/Information on Ingredients

Mixture			
Chemical name	Common name and synonyms	CAS number	%
Amides, coco, N,N-bis(hydroxyethyl)		68603-42-9	0.5-1.5*
Ethanol, 2,2"-iminobis-		111-42-2	0.1-1*

Chemical name	Common name and synonyms	CAS number	%
Glycerol		56-81-5	30-60*
Isopropanol		67-63-0	3-7*
Polyethylene glycol		25322-68-3	10-30*
Sulfuric acid, monododecyl este compd. with 2,2",2""-nitrilotris[ethanol] (1:1)	er,	139-96-8	1-5*
All concentrations are in percent by	y weight unless ingredient is a gas. Gas conce	ntrations are in percent by vo	lume.
Composition comments	US GHS: The exact percentage (concentrati secret in accordance with paragraph (i) of §1 *CANADA GHS: The exact percentage (conc trade secret.	910.1200.	
	4. First Aid Measures	5	
Inhalation	If inhaled: Remove person to fresh air and ke doctor if you feel unwell.	eep comfortable for breathing.	Call a poison center or
Skin contact	IF ON SKIN (or hair): Take off immediately a	II contaminated clothing. Rins	e skin with water.
Eye contact	IF IN EYES: Rinse cautiously with water for s and easy to do. Continue rinsing. If eye irritation		
Ingestion	Call a poison control center or doctor immed water if able to swallow. DO NOT induce vor doctor. Do not give anything by mouth to an victim is unconscious or is convulsing.	niting unless told to do so by a	a poison control center o
Most important symptoms/effects, acute and delayed	Causes serious eye irritation. Symptoms may blurred vision.	y include stinging, tearing, rec	Iness, swelling, and
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and tre Symptoms may be delayed.	eat symptomatically. Keep vic	tim under observation.
General information	Ensure that medical personnel are aware of protect themselves. Show this safety data sh sources of ignition. No smoking. Avoid conta contaminated clothing immediately. Wash co gloves and safety glasses with side shields.	neet to the doctor in attendanc act with eyes, skin and clothin ontaminated clothing before re	e. Keep away from g. Take off all
	5. Fire Fighting Measur	res	
Suitable extinguishing media	Foam. Water fog. Carbon dioxide (CO2).		
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as the	his will spread the fire.	
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air of ignition and flash back. During fire, gases should wear a self-contained breathing appa	hazardous to health may be f	
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full p	protective clothing must be wo	rn in case of fire.
Fire-fighting equipment/instructions	In case of fire and/or explosion do not breath so without risk.	e fumes. Move containers fro	m fire area if you can do
Specific methods	Use standard firefighting procedures and cor	nsider the hazards of other inv	volved materials.
General fire hazards	Flammable liquid and vapor.		
Hazardous combustion products	May include and are not limited to: Oxides of	f nitrogen. Hydrogen chloride.	Oxides of carbon.
	6. Accidental Release Mea	sures	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep per low areas. Eliminate all ignition sources (no s Do not touch damaged containers or spilled	smoking, flares, sparks, or fla	mes in immediate area).

emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). 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 smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Never return spills in original containers for re-use. Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water. Prevent entry into waterways, sewer, basements or confined areas. Use water spray to reduce vapors or divert vapor cloud drift. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
	7. Handling and Storage
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Vapors may form explosive mixtures with air. Avoid breathing vapors or mists of this product. Use only with adequate ventilation. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid contact with eyes, skin and clothing. When using do not eat or drink. Wash thoroughly after handling. Keep container tightly closed.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Keep out of reach of children. Store locked up. Store away from incompatible materials (see Section 10 of the SDS).
	8. Exposure Controls/Personal Protection
Occupational exposure limits	

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Туре	Value	Form	
Ethanol, 2,2"-iminobis- (CAS 111-42-2)	TWA	2 mg/m3		
Glycerol (CAS 56-81-5)	TWA	10 mg/m3	Mist.	
Isopropanol (CAS 67-63-0)	STEL	984 mg/m3 400 ppm		
	TWA	492 mg/m3 200 ppm		

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Туре	Value	Form
Ethanol, 2,2"-iminobis- (CAS 111-42-2)	TWA	2 mg/m3	
Glycerol (CAS 56-81-5)	TWA	3 mg/m3 10 mg/m3	Respirable mist. Mist.
Isopropanol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Туре	Value	Form
Ethanol, 2,2"-iminobis- (CAS 111-42-2)	TWA	1 mg/m3	Inhalable fraction and vapor.
Isopropanol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	

Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents)

Components	Туре	Value	Form
Ethanol, 2,2"-iminobis- (CAS 111-42-2)	TWA	1 mg/m3	Inhalable fraction and vapor.
Glycerol (CAS 56-81-5)	TWA	10 mg/m3	Mist.
Isopropanol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	

Canada. Quebec OELs. (Ministry of L Components	Туре		Value	Form
Ethanol, 2,2''-iminobis- (CAS 111-42-2)	TWA		13 mg/m3	
			3 ppm	
Glycerol (CAS 56-81-5)	TWA		10 mg/m3	Mist.
Isopropanol (CAS 67-63-0)	STEL		1230 mg/m3 500 ppm	
	TWA		983 mg/m3 400 ppm	
US. OSHA Table Z-1 Limits for Air Co Components	ontaminants (29 CFF Type	R 1910.1000)	Value	Form
Glycerol (CAS 56-81-5)	PEL		5 mg/m3 15 mg/m3	Respirable fraction. Total dust.
Isopropanol (CAS 67-63-0)	PEL		980 mg/m3 400 ppm	
US. ACGIH Threshold Limit Values	-			F arm
Components	Туре		Value	Form
Ethanol, 2,2"-iminobis- (CAS 111-42-2)	TWA		1 mg/m3	Inhalable fraction and vapor.
Isopropanol (CAS 67-63-0)	STEL		400 ppm	
	TWA		200 ppm	
US. NIOSH: Pocket Guide to Chemic Components	al Hazards Type		Value	
Ethanol, 2,2"-iminobis-	TWA		15 mg/m3	
(CAS 111-42-2)			_	
			3 ppm	
Isopropanol (CAS 67-63-0)	STEL		3 ppm 1225 mg/m3 500 ppm	
Isopropanol (CAS 67-63-0)	STEL TWA		1225 mg/m3 500 ppm 980 mg/m3	
Isopropanol (CAS 67-63-0) US. AIHA Workplace Environmental	TWA Exposure Level (WE	EL) Guides	1225 mg/m3 500 ppm 980 mg/m3 400 ppm	
US. AIHA Workplace Environmental Components	TWA Exposure Level (WE Type	EL) Guides	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value	Form
US. AIHA Workplace Environmental	TWA Exposure Level (WE	EL) Guides	1225 mg/m3 500 ppm 980 mg/m3 400 ppm	Form Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values	TWA Exposure Level (WE Type	EL) Guides	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value	-
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3)	TWA Exposure Level (WE Type	·	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices	TWA Exposure Level (WE Type TWA	ninant Specime	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L	TWA Exposure Level (WE Type TWA Deterr Acetor	ninant Specime	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L * - For sampling details, please see the	TWA Exposure Level (WE Type TWA Deterr Acetor	ninant Specime	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L * - For sampling details, please see the osure guidelines	TWA Exposure Level (WE Type TWA Deterr Acetor source document.	ninant Specime	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L * - For sampling details, please see the osure guidelines Canada - Alberta OELs: Skin designa	TWA Exposure Level (WE Type TWA Deterr Acetor source document. ation	ninant Specime ne Urine	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L * - For sampling details, please see the osure guidelines	TWA Exposure Level (WE Type TWA Deterr Acetor source document. ation -6)	ninant Specime	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin *	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L * - For sampling details, please see the osure guidelines Canada - Alberta OELs: Skin designa 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1)	TWA Exposure Level (WE Type TWA Deterr Acetor source document. ation -6) 42-2)	ninant Specime ne Urine Can be absorbed th Can be absorbed th	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin *	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L * - For sampling details, please see the osure guidelines Canada - Alberta OELs: Skin designa 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1) Canada - British Columbia OELs: Ski 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4	TWA Exposure Level (WE Type TWA Deterr Acetor source document. ation -6) 42-2) in designation -6)	ninant Specime le Urine Can be absorbed th Can be absorbed th Can be absorbed th Can be absorbed th Can be absorbed th	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin *	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L * - For sampling details, please see the osure guidelines Canada - Alberta OELs: Skin designa 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1) Canada - British Columbia OELs: Ski 1,3-Dichloropropene (CAS 542-75	TWA Exposure Level (WE Type TWA Deterr Acetor source document. ation -6) 42-2) in designation -6) 42-2)	ninant Specime le Urine Can be absorbed th Can be absorbed th Can be absorbed th Can be absorbed th	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin *	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L * - For sampling details, please see the osure guidelines Canada - Alberta OELs: Skin designa 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1) Canada - British Columbia OELs: Ski 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1) Canada - Manitoba OELs: Skin designa 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1) Canada - Manitoba OELs: Skin designa 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4	TWA Exposure Level (WE Type TWA Deterr Acetor source document. ation -6) 42-2) in designation -6) 42-2) nation -6)	ninant Specime le Urine Can be absorbed th Can be absorbed th	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin * hrough the skin. hrough the skin. hrough the skin. hrough the skin. hrough the skin. hrough the skin. hrough the skin.	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L * - For sampling details, please see the osure guidelines Canada - Alberta OELs: Skin designa 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1) Canada - British Columbia OELs: Skin 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1) Canada - Manitoba OELs: Skin designa 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1) Canada - Manitoba OELs: Skin designa	TWA Exposure Level (WE Type TWA Deterr Acetor source document. ation -6) 42-2) in designation -6) 42-2) nation -6) 42-2) ation	ninant Specime le Urine Can be absorbed th Can be absorbed th	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin *	Particulate.
US. AIHA Workplace Environmental Components Polyethylene glycol (CAS 25322-68-3) ogical limit values ACGIH Biological Exposure Indices Components Value Isopropanol (CAS 67-63-0) 40 mg/L * - For sampling details, please see the osure guidelines Canada - Alberta OELs: Skin designa 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1) Canada - British Columbia OELs: Ski 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1) Canada - Manitoba OELs: Skin design 1,3-Dichloropropene (CAS 542-75 Ethanol, 2,2"-iminobis- (CAS 111-4 Methanol (CAS 67-56-1)	TWA Exposure Level (WE Type TWA TWA Deterr Acetor source document. ation -6) 42-2) in designation -6) 42-2) nation -6) 42-2) ation -6)	ninant Specime le Urine Can be absorbed th Can be absorbed th	1225 mg/m3 500 ppm 980 mg/m3 400 ppm Value 10 mg/m3 n Sampling Tin * hrough the skin. hrough the skin.	Particulate.

Canada - Quebec OELs: Skin	designation	
1,3-Dichloropropene (CAS		Can be absorbed through the skin.
Ethanol, 2,2"-iminobis- (CA	AS 111-42-2)	Can be absorbed through the skin.
Methanol (CAS 67-56-1)		Can be absorbed through the skin.
Canada - Saskatchewan OEL	s: Skin designation	
1,3-Dichloropropene (CAS	,	Can be absorbed through the skin.
Ethanol, 2,2"-iminobis- (CA	AS 111-42-2)	Can be absorbed through the skin.
Methanol (CAS 67-56-1) US ACGIH Threshold Limit Va	aluga, Skin designation	Can be absorbed through the skin.
	•	
1,3-Dichloropropene (CAS		Can be absorbed through the skin.
Ethanol, 2,2"-iminobis- (CA Methanol (CAS 67-56-1)	AS 111-42-2)	Can be absorbed through the skin. Can be absorbed through the skin.
US. NIOSH: Pocket Guide to	Chemical Hazards	
1,3-Dichloropropene (CAS		Can be absorbed through the skin.
Methanol (CAS 67-56-1)	5 542-7 5-0)	Can be absorbed through the skin.
Appropriate engineering	Good gonoral ventilation (typic	ally 10 air changes per hour) should be used. Ventilation rates
controls	should be matched to condition or other engineering controls to	ns. If applicable, use process enclosures, local exhaust ventilation, p maintain airborne levels below recommended exposure limits. If established, maintain airborne levels to an acceptable level.
Individual protection measures, s	such as personal protective ec	quipment
Eye/face protection	Wear safety glasses with side	shields (or goggles).
Skin protection		
Hand protection	Impervious gloves. Confirm wi	ith reputable supplier first.
Other	As required by employer code.	
Respiratory protection	Respirator should be selected professional following requirem	els may be exceeded, use an approved NIOSH respirator. by and used under the direction of a trained health and safety nents found in OSHA's respirator standard (29 CFR 1910.134), andard for respiratory protection (Z88.2).
Thermal hazards	Not applicable.	
General hygiene considerations		I hygiene measures, such as washing after handling the material d/or smoking. Routinely wash work clothing and protective

	9. Physical and Chemical Properties		
Appearance	Liquid		
Physical state	Liquid.		
Form	Liquid.		
Color	Clear		
Odor	Isopropanol		
Odor threshold	Not available.		
рН	Not available.		
Melting point/freezing point	Not available.		
Initial boiling point and boiling range	unknown		
Pour point	Not available.		
Specific gravity	1.1 - 1.15		
Partition coefficient (n-octanol/water)	Not available.		
Flash point	102.2 °F (39.0 °C)		
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.	
	10. Stability and	Reactivity
Reactivity	The product is stable and non react	tive under normal conditions of use, storage and transport.
Possibility of hazardous reactions	Hazardous polymerization does not	t occur.
Chemical stability	Stable under recommended storage	
Conditions to avoid	flash point. Do not mix with other ch	
Incompatible materials	Strong oxidizing agents. Isocyanate	
Hazardous decomposition products	May include and are not limited to:	Oxides of nitrogen. Hydrogen chloride. Oxides of carbon.
	11. Toxicological	Information
Routes of exposure	Eye, Skin contact, Inhalation, Inges	tion.
Information on likely routes of	exposure	
Ingestion	May cause stomach distress, nause	ea or vomiting.
Inhalation	Prolonged inhalation may be harmf	ul.
Skin contact	May cause irritation.	
Eye contact	Causes serious eye irritation.	
Symptoms related to the physical, chemical and toxicological characteristics	Symptoms may include stinging, tea	aring, redness, swelling, and blurred vision.
Information on toxicological eff	fects	
Acute toxicity		
Components	Species	Test Results
Amides, coco, N,N-bis(hydroxyet	hyl) (CAS 68603-42-9)	
Acute Dermal	Pabbit	> 2000 mg/kg EPA
Acute Dermal LD50	Rabbit	> 2000 mg/kg, EPA
Acute Dermal LD50 Inhalation LC50	Rabbit Not available	> 2000 mg/kg, EPA
Acute Dermal LD50 Inhalation LC50 Oral	Not available	
Acute Dermal LD50 Inhalation LC50		> 5000 mg/kg, HSDB
Acute Dermal LD50 Inhalation LC50 Oral LD50	Not available Rat	
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111	Not available Rat	> 5000 mg/kg, HSDB
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111 Acute	Not available Rat	> 5000 mg/kg, HSDB
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111	Not available Rat	> 5000 mg/kg, HSDB
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111 Acute Dermal	Not available Rat I-42-2)	> 5000 mg/kg, HSDB 12200 mg/kg, HSDB 11.9 ml/kg, HSDB
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111 Acute Dermal LD50 Inhalation	Not available Rat I-42-2) Rabbit Rat	> 5000 mg/kg, HSDB 12200 mg/kg, HSDB
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111 Acute Dermal LD50 Inhalation LC50	Not available Rat -42-2) Rabbit	> 5000 mg/kg, HSDB 12200 mg/kg, HSDB 11.9 ml/kg, HSDB
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111 Acute Dermal LD50 Inhalation	Not available Rat I-42-2) Rabbit Rat	> 5000 mg/kg, HSDB 12200 mg/kg, HSDB 11.9 ml/kg, HSDB 8328 mg/kg, RTECS
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111 Acute Dermal LD50 Inhalation LC50 Oral	Not available Rat -42-2) Rabbit Rat Not available	> 5000 mg/kg, HSDB 12200 mg/kg, HSDB 11.9 ml/kg, HSDB 8328 mg/kg, RTECS 2500 mg/kg, ECHA
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111 Acute Dermal LD50 Inhalation LC50 Oral	Not available Rat -42-2) Rabbit Rat Not available	 > 5000 mg/kg, HSDB 12200 mg/kg, HSDB 11.9 ml/kg, HSDB 8328 mg/kg, RTECS 2500 mg/kg, ECHA 1820 mg/kg, ECHA
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111 Acute Dermal LD50 Inhalation LC50 Oral	Not available Rat -42-2) Rabbit Rat Not available	 > 5000 mg/kg, HSDB 12200 mg/kg, HSDB 11.9 ml/kg, HSDB 8328 mg/kg, RTECS 2500 mg/kg, ECHA 1820 mg/kg, ECHA 1600 mg/kg, ECHA
Acute Dermal LD50 Inhalation LC50 Oral LD50 Ethanol, 2,2"-iminobis- (CAS 111 Acute Dermal LD50 Inhalation LC50 Oral	Not available Rat -42-2) Rabbit Rat Not available	 > 5000 mg/kg, HSDB 12200 mg/kg, HSDB 11.9 ml/kg, HSDB 8328 mg/kg, RTECS 2500 mg/kg, ECHA 1820 mg/kg, ECHA

Components	Species	Test Results
Glycerol (CAS 56-81-5)		
Acute		
Dermal LD50	Guinea pig	45 ml/kg, Days, ECHA
LDJU		
	Rabbit	> 10000 mg/kg, SIGMA ALDRICH
		23000 mg/kg, CCOHS
Inhalation	Dut	
LC50	Rat	> 570 mg/m3, 1 Hours, HSDB
		> 143 mg/m ³ , 4 Hours, CCOHS
		4655 mg.min/l, 7 Hours, ECHA
Oral		
LD50	Guinea pig	> 10000 mg/kg, ECHA
	Mouse	23000 mg/kg, CCOHS
		20.8 ml/kg, ECHA
	Rat	> 12600 mg/kg, SIGMA ALDRICH
		27200 mg/kg, CCOHS
		18300 mg/kg, ECHA
Isopropanol (CAS 67-63-0)		0.07
Acute		
Dermal		
LD50	Rabbit	12800 mg/kg, HSDB
		16.4 ml/kg, 24 Hours, ECHA
Inhalation		-
LC50	Rat	> 10000 ppm, 6 Hours, ECHA
		16970 mg/l/4h, HMIRA
Oral		
LD50	Dog	4797 mg/kg, HSDB
	Mouse	3600 mg/kg, HSDB
	Rabbit	5030 mg/kg, HSDB
		5 g/kg, HSDB
	Rat	5.8 g/kg, ECHA
		5.8 g/kg, EOTA
Polyethylene glycol (CAS 253 Acute	22-68-3)	
Dermal		
LD50	Rat	> 2000 mg/kg, ECHA
Inhalation		6.67
LC50	Not available	
Oral		
LD50	Rat	5010 mg/kg, ECHA
		4300 mg/kg, ECHA
Sulfuric acid, monododecyl es	ter, compd. with 2,2",2""-nitrilotris[ethanol]	
Acute		
Dermal		
LD50	Not available	
Inhalation		
LC50	Not available	
Oral		
LD50	Not available	
Skin corrosion/irritation	Prolonged skin contact may cause to	emporary irritation.
Exposure minutes	Not available.	
Erythema value	Not available.	

Oedema value	Not available.	
Serious eye damage/eye	Causes serious eye irritation.	
irritation	NI / 111	
Corneal 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	Not available.	
ACGIH sensitization		
Formaldehyde (CAS	50-00-0)	Dermal sensitization Respiratory sensitization
Canada - Alberta OELs:	Irritant	
Glycerol (CAS 56-81		Irritant Irritant
	bia OELs: Respiratory or skin	
Formaldehyde (CAS		Capable of causing respiratory, dermal or conjunctival sensitization.
	s Hazard: Dermal sensitization	
	s Hazard: Respiratory sensitiz	
	OELs Hazard Data: Sensitise	Respiratory sensitization
Formaldehyde (CAS	50-00-0)	Sensitizer.
Respiratory sensitization	Not available.	
Skin sensitization	This product is not expected to	o cause skin sensitization.
Mutagenicity	Not classified.	
Carcinogenicity	Contains potential carcinogen	S.
ACGIH Carcinogens		
1,3-Dichloropropene (CAS 542-75-6)		A3 Confirmed animal carcinogen with unknown relevance to humans.
Ethanol, 2,2"-iminobis- (C	,	A3 Confirmed animal carcinogen with unknown relevance to humans.
Formaldehyde (CAS 50-0 Methylene chloride (CAS		A1 Confirmed human carcinogen. A3 Confirmed animal carcinogen with unknown relevance to humans.
Canada - Alberta OELs: Caro	cinogen category	
Formaldehyde (CAS 50-0 Canada - Manitoba OELs: ca		Suspected human carcinogen.
1,3-DICHLOROPROPENE (CAS 542-75-6) DICHLOROMETHANE (CAS 75-09-2) DIETHANOLAMINE, INHALABLE FRACTION AND VAPOR (CAS 111-42-2)		Confirmed animal carcinogen with unknown relevance to humans. Confirmed animal carcinogen with unknown relevance to humans. Confirmed animal carcinogen with unknown relevance to humans.
FORMALDEHYDE (CAS Canada - Quebec OELs: Car		Confirmed human carcinogen.
1,3-Dichloropropene (CAS 542-75-6) Formaldehyde (CAS 50-00-0) Methylene chloride (CAS 75-09-2)		Detected carcinogenic effect in animals. Suspected carcinogenic effect in humans. Suspected carcinogenic effect in humans.
	Evaluation of Carcinogenicity	
1,3-Dichloropropene (CA	,	Volume 41, Supplement 7, Volume 71 - 2B Possibly carcinogenic to humans.
Amides, coco, N,N-bis(hydroxyethyl) (CAS 68603-42-9) Ethanol, 2,2",2""-nitrilotris- (CAS 102-71-6) Ethanol, 2,2"-iminobis- (CAS 111-42-2) Formaldehyde (CAS 50-00-0) Methylene chloride (CAS 75-09-2) US - California Proposition 65 - CRT: Listed date/Carcinoge		Volume 101 - 2B Possibly carcinogenic to humans. Volume 77 - 3 Not classifiable as to carcinogenicity to humans. Volume 77, Volume 101 - 2B Possibly carcinogenic to humans. Volume 88, Volume 100F 1 Carcinogenic to humans. Volume 71, Volume 110 - 2A Probably carcinogenic to humans. Jenic substance
1,3-Dichloropropene (CA Amides, coco, N,N-bis(hy Ethanol, 2,2"-iminobis- (C Formaldehyde (CAS 50-0	droxyethyl) (CAS 68603-42-9) CAS 111-42-2)	

Methylene chloride (CAS	,	decreinegen		
US NTP Report on Carcinogens: Anticipated carcinogen 1,3-Dichloropropene (CAS 542-75-6) Methylene chloride (CAS 75-09-2) US NTP Report on Carcinogens: Known carcinogen Formaldehyde (CAS 50-00-0)			Reasonably Anticipated to be a Human Carcinogen. Reasonably Anticipated to be a Human Carcinogen.	
			Known To Be Human Ca	rcinogen.
US. OSHA Specifically Reg	ulated Substand	es (29 CFR 191;		5
Formaldehyde (CAS 50- Methylene chloride (CAS	,		Cancer Cancer	
Reproductive toxicity	,	s not expected to	cancer cause reproductive or dev	velopmental effects.
Teratogenicity	Not classified.	-		
Specific target organ toxicity - single exposure	Not classified.			
Specific target organ toxicity - repeated exposure	Not classified.			
Aspiration hazard	Not available.			
Chronic effects	Prolonged inh	alation may be h	armful.	
		12. Ecologic	al Information	
Ecotoxicity	See below			
Ecotoxicological data Components		Species		Test Results
Ethanol, 2,2"-iminobis- (CAS 111-	-42-2)			
Algae	IC50	Algae		7.8 mg/L, 72 Hours
Crustacea	EC50	Daphnia		55 mg/L, 48 Hours
Aquatic Fish	LC50	Fathead minno	w (Pimephales promelas)	100 mg/L, 96 hours
Glycerol (CAS 56-81-5)				
Aquatic				
Fish	LC50	Rainbow trout, (Oncorhynchus	donaldson trout s mykiss)	51000 - 57000 mg/L, 96 hours
Isopropanol (CAS 67-63-0)	1050	A		4000
Algae	IC50	Algae		1000 mg/L, 72 Hours
Crustacea	EC50	Daphnia		13299 mg/L, 48 Hours
Aquatic	LC50	Pluggill (Long	nis macrochirus)	> 1400 mg/l . 06 hours
Fish		Bluegili (Lepoli	lis macrochirus)	> 1400 mg/L, 96 hours
Polyethylene glycol (CAS 25322-6 Aquatic	08-3)			
Fish	LC50	Atlantic salmor	n (Salmo salar)	> 1000 mg/L, 96 hours
Persistence and degradability	No data is ava		gradability of this product.	
Bioaccumulative potential	No data availa		,	
Mobility in soil	No data availa	ıble.		
Mobility in general	Not available.			
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.			
	1	3. Disposal (Considerations	
Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.			
Local disposal regulations	Dispose in acc	cordance with all	applicable regulations.	
Hazardous waste code	The waste coo disposal comp		igned in discussion betwe	en the user, the producer and the waste
Waste from residues / unused products	Empty contain	ers or liners may	y retain some product resic er (see: Disposal instructio	dues. This material and its container must ons).

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport Information

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
U.S. Department of Transportatio	product will appear below.
Basic shipping requirements	
UN number	UN1993
Proper shipping name	Flammable liquids, n.o.s.
Technical name	Isopropanol
Hazard class	Limited Quantity - US
Packing group	
Special provisions	B1, B52, IB3, T4, TP1, TP29
Packaging exceptions	150
ransportation of Dangerous Go	ods (TDG - Canada)
Basic shipping requirements	
UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Technical name	Isopropanol
Hazard class	Limited Quantity - Canada
Packing group	
Special provisions	16, 150
ATA/ICAO (Air)	
Basic shipping requirements	
UN number	UN1993
Proper shipping name	Flammable liquid, n.o.s.
Technical name	Isopropanol
Hazard class	Limited Quantity - IATA
Packing group	
MDG (Marine Transport)	11
Basic shipping requirements	N
UN number	
Proper shipping name Technical name	FLAMMABLE LIQUID, N.O.S.
Hazard class	Isopropanol Limited Quantity - IMDG
Packing group	III
	111
DOT; IMDG; TDG	
ATA	
	15. Regulatory Information

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.

Canada CEPA Schedule I: Lis	sted substance		
Formaldehyde (CAS 50-00-0)		Listed.	
Methylene chloride (CAS	,	Listed.	
			threshold/Identification Number
Formaldehyde (CAS 50-00-0)		1 TONNES	
Isopropanol (CAS 67-63-0 Methanol (CAS 67-56-1))	1 TONNES 1 TONNES	
Canada Priority Substances	List (Second List): Listed sub		
Formaldehyde (CAS 50-00	· ·	Listed.	
Export Control List (CEPA 19	,	Elotod.	
Not listed.			
Greenhouse Gases			
Not listed.			
Precursor Control Regulation	าร		
Not regulated.			
WHMIS 2015 Exemptions	Not applicable		
US federal regulations	This product is a "Hazardous Standard, 29 CFR 1910.1200	Chemical" as defined	by the OSHA Hazard Communication
	All chemicals used are on the	TSCA inventory.	
TSCA Section 12(b) Export N	otification (40 CFR 707, Subp	pt. D)	
Not regulated.			
CERCLA Hazardous Substan	· · ·	Listed.	
1,3-Dichloropropene (CAS Ethanol, 2,2"-iminobis- (C/		Listed.	
Formaldehyde (CAS 50-00		Listed.	
Isopropanol (CAS 67-63-0)	Listed.	
Methanol (CAS 67-56-1)	75 00 2)	Listed.	
Methylene chloride (CAS 7 US EPCRA Section 304 Extre	,	Listed. Haz. Subs.: Section :	304 FHS reportable quantity
Formaldehyde (CAS 50-00	-	100 LBS	
US. OSHA Specifically Regul	,		
Formaldehyde (CAS 50-00	•	Cancer	
Methylene chloride (CAS		Cancer	
Formaldehyde (CAS 50-00		Skin sensitization Heart	
Methylene chloride (CAS 7 Formaldehyde (CAS 50-00		Respiratory sensitization	
Methylene chloride (CAS 7		Central nervous system	
Formaldehyde (CAS 50-00)-0)	Eye irritation	
Methylene chloride (CAS		Liver	
Formaldehyde (CAS 50-00 Methylene chloride (CAS 7		Skin irritation Skin irritation	
Formaldehyde (CAS 50-00	,	respiratory tract irrit	ation
Methylene chloride (CAS 7		Eye irritation	
Formaldehyde (CAS 50-00)-0)	Acute toxicity	
		Flammability	
Superfund Amendments and Rea	uthorization Act of 1986 (SA	RA)	
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)			
Chemical name		CAS number	% by wt.
Isopropanol		67-63-0	3-7*
Other federal regulations			
Clean Air Act (CAA) Section	112 Hazardous Air Pollutants	s (HAPs) List	
1,3-Dichloropropene (CAS Ethanol, 2,2"-iminobis- (C/ Formaldehyde (CAS 50-00	542-75-6) AS 111-42-2)	. ,	
	/		

Methanol (CAS 67-56-1) Methylene chloride (CAS 75-09-2) Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Formaldehvde (CAS 50-00-0) **US** state regulations US - California Hazardous Substances (Director's): Listed substance 1,3-Dichloropropene (CAS 542-75-6) Listed. Ethanol, 2,2"-iminobis- (CAS 111-42-2) Listed. Formaldehyde (CAS 50-00-0) Listed. Isopropanol (CAS 67-63-0) Listed. Methanol (CAS 67-56-1) Listed. Methylene chloride (CAS 75-09-2) Listed. US - Illinois Chemical Safety Act: Listed substance 1,3-Dichloropropene (CAS 542-75-6) Ethanol, 2,2"-iminobis- (CAS 111-42-2) Formaldehyde (CAS 50-00-0) Isopropanol (CAS 67-63-0) Methanol (CAS 67-56-1) Methylene chloride (CAS 75-09-2) US - Louisiana Spill Reporting: Listed substance 1,3-Dichloropropene (CAS 542-75-6) Listed. Ethanol, 2,2"-iminobis- (CAS 111-42-2) Listed. Formaldehyde (CAS 50-00-0) Listed. Isopropanol (CAS 67-63-0) Listed. Methanol (CAS 67-56-1) Listed. Methylene chloride (CAS 75-09-2) Listed. US - Michigan Critical Materials Register: Parameter number Methylene chloride (CAS 75-09-2) US - Minnesota Haz Subs: Listed substance 1,3-Dichloropropene (CAS 542-75-6) Listed. Ethanol, 2,2",2""-nitrilotris- (CAS 102-71-6) Listed. Ethanol, 2,2"-iminobis- (CAS 111-42-2) Listed. Formaldehyde (CAS 50-00-0) Listed. Glycerol (CAS 56-81-5) Listed. Isopropanol (CAS 67-63-0) Listed. Methanol (CAS 67-56-1) Listed. Methylene chloride (CAS 75-09-2) Listed. Polyethylene glycol (CAS 25322-68-3) Listed. US - New Jersey RTK - Substances: Listed substance 1,3,5,7-Tetraazatricyclo[3.3.1.13,7]decane (CAS 100-97-0) 1,3-Dichloropropene (CAS 542-75-6) Ethanol, 2,2",2""-nitrilotris- (CAS 102-71-6) Ethanol, 2,2"-iminobis- (CAS 111-42-2) Formaldehyde (CAS 50-00-0) Glycerol (CAS 56-81-5) Isopropanol (CAS 67-63-0) Methanol (CAS 67-56-1) Methylene chloride (CAS 75-09-2) US - North Carolina Toxic Air Pollutants: Listed substance Formaldehyde (CAS 50-00-0) Methylene chloride (CAS 75-09-2) US - Pennsylvania RTK - Hazardous Substances: Special hazard 1,3-Dichloropropene (CAS 542-75-6) Formaldehyde (CAS 50-00-0) Methylene chloride (CAS 75-09-2) US - Texas Effects Screening Levels: Listed substance 1,3,5,7-Tetraazatricyclo[3.3.1.13,7]decane (CAS Listed. 100-97-0) 1.3-Dichloropropene (CAS 542-75-6) Listed. Amides, coco, N,N-bis(hydroxyethyl) (CAS 68603-42-9) Listed. Ethanol, 2,2",2""-nitrilotris- (CAS 102-71-6) Listed. Ethanol, 2,2"-iminobis- (CAS 111-42-2) Listed. Formaldehyde (CAS 50-00-0) Listed. Glycerol (CAS 56-81-5) Listed. Isopropanol (CAS 67-63-0) Listed. Methanol (CAS 67-56-1) Listed. Methylene chloride (CAS 75-09-2) Listed.

Polyethylene glycol (CAS 25322-68-3)

Listed.

US - Washington Chemical of High Concern to Children: Listed substance

Formaldehyde (CAS 50-00-0) Methylene chloride (CAS 75-09-2)

US. Massachusetts RTK - Substance List

1,3-Dichloropropene (CAS 542-75-6) Ethanol, 2,2",2""-nitrilotris- (CAS 102-71-6) Ethanol, 2,2"-iminobis- (CAS 111-42-2) Formaldehyde (CAS 50-00-0) Glycerol (CAS 56-81-5) Isopropanol (CAS 56-81-5) Methanol (CAS 67-63-0) Methanol (CAS 67-56-1) Methylene chloride (CAS 75-09-2)

US. New Jersey Worker and Community Right-to-Know Act

1,3-Dichloropropene (CAS 542-75-6) Ethanol, 2,2"-iminobis- (CAS 111-42-2) Formaldehyde (CAS 50-00-0) Isopropanol (CAS 67-63-0) Methanol (CAS 67-56-1) Methylene chloride (CAS 75-09-2)

US. Pennsylvania Worker and Community Right-to-Know Law

1,3-Dichloropropene (CAS 542-75-6) Ethanol, 2,2",2""-nitrilotris- (CAS 102-71-6) Ethanol, 2,2"-iminobis- (CAS 111-42-2) Formaldehyde (CAS 50-00-0) Glycerol (CAS 56-81-5) Isopropanol (CAS 67-63-0) Methanol (CAS 67-56-1) Methylene chloride (CAS 75-09-2)

US. Rhode Island RTK

1,3-Dichloropropene (CAS 542-75-6) Ethanol, 2,2",2""-nitrilotris- (CAS 102-71-6) Ethanol, 2,2"-iminobis- (CAS 111-42-2) Formaldehyde (CAS 50-00-0) Glycerol (CAS 56-81-5) Isopropanol (CAS 56-81-5) Methanol (CAS 67-63-0) Methanol (CAS 67-56-1) Methylene chloride (CAS 75-09-2)

US. California Proposition 65

WARNING: This product can expose you to chemicals including Formaldehyde, which is known to the State of California to cause cancer, and Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Listed: January 1, 1989
Listed: June 22, 2012
Listed: June 22, 2012
Listed: January 1, 1988
Listed: April 1, 1988
evelopmental toxin

Methanol (CAS 67-56-1) Listed: March 16, 2012

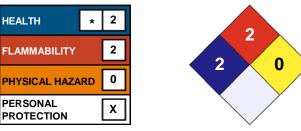
Inventory status

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

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Disclaimer



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.

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Prepared by	Nu-Calgon Technical Service Phone: (314) 469-7000
Other information	For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.