



**Proterra**  
MANAGEMENT GROUP INC.



**T<sup>36</sup> Disinfect™ (Formerly T<sup>36</sup>® Disinfectant)**  
**SDS Preparation Date (mm/dd/yyyy): 01/31/2017**

## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

**Product identifier used on the label:** T<sup>36</sup> Disinfect™ (Formerly T<sup>36</sup>® Disinfectant)  
**Product code(s):** 1000-60TS, 1000-TWV, 1000-TWVU, 1000-4FTV, 1000-4FTVU  
**Recommended use of the chemical and restrictions on use:** Hard Surface Disinfectant  
**Chemical family:** Mixture.  
**Name, address, and telephone number of the manufacturer:** Refer to Supplier  
**Manufacturer's Telephone#:** Refer to Supplier  
**Name, address, and telephone number of the supplier:** Proterra Management Group Inc.  
Unit 1110 – 4871 Shell Road, Richmond, BC V6X 3Z6  
**Supplier's Telephone#:** (604) 370.3796 (Monday – Friday, 9:00AM – 5:00PM, Pacific Time Zone)  
**24 Hour Emergency Telephone#:** (604) 370.3796

### SECTION 2. HAZARDS IDENTIFICATION

**Classification of the chemical:** Clear to light straw (coloured liquid). Mild alcohol odour.  
**Most important hazards:** This material is classified as hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012). Hazardous classification.  
**Hazardous classification:** Flammable liquid – Category 2  
Eye damage/irritation – Category 2A  
Specific target organ toxicity – single exposure – Category 3  
**WHMIS information:** This production is a WHMIS Controlled Product. It meets one or more of the criteria for a controlled product provided in Part IV of the Canadian Controlled Products Regulations (CPR)  
**WHMIS classification:** Class B2 (Flammable liquids)  
Class D2B (Materials causing other toxic effects, toxic material)

#### Label elements:

The following label information is application only to the United States according to OSHA Regulations (29CFR 1910.1200) (Hazcom 2012):

#### Signal word:

DANGER!!

#### Hazard statement(s):

Highly flammable liquid and vapor.  
Causes serious eye irritation.  
May cause drowsiness and dizziness.

#### Precautionary statement(s):

Keep away from heat, open flames and hot surfaces. - No smoking.  
Keep container tightly closed.  
Ground/Bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Wear protective gloves/clothing and eye/face protection.  
Wash hands thoroughly after handling.  
Avoid breathing vapour or mist.  
Use only outdoors or in a well-ventilated area.

In case of fire, use dry chemical, CO<sub>2</sub>, or 'alcohol foam' to extinguish.

IF exposed or concerned: Get medical attention/advice.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Store in a well-ventilated place. Keep cool. Keep container tightly closed.  
Store locked up.

Dispose of contents/container in accordance with local regulation.



The following label information is applicable only to Canada according to the Canadian Controlled Products Regulations (CPR/WHMIS):

**DANGER!** Highly flammable liquid and vapour Vapours may cause flash fire. May cause central nervous system depression. Causes severe eye irritation. May be harmful or fatal if swallowed in large amounts. May be an aspiration hazard. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**PRECAUTIONS:** Use only in well-ventilated areas. Wear chemically resistant protective equipment during handling. Keep away from heat, sparks and open flame. - No smoking. Do not ingest. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Avoid contact with incompatible materials. Wash thoroughly after handling. Keep containers tightly closed when not in use. Store in a cool, dry, well ventilated area.

**FIRST AID:** If ingested, do not induce vomiting. Seek immediate medical attention/advice. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. For skin contact, flush with water for at least 15 minutes, while removing contaminated clothing. Get medical attention if irritation develops and persists. For eye contact, flush with running water for at least 15 minutes. Seek immediate medical attention/advice. If inhaled, move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing stopped, begin artificial respiration. Get medical advice/attention.

See Material Safety Data Sheet.



**Other hazards:**

**Other hazards which do not result in classification:**

Burning produces obnoxious and toxic fumes. Ingestion may cause irritation of the mouth, throat and stomach. May be an aspiration hazard. Prolonged skin contact may cause dermatitis (rash), characterized by red, dry, itching skin.

**Environmental precautions:** Avoid release to the environment. See ECOLOGICAL INFORMATION, Section 12.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical name</u>	<u>CAS #</u>	<u>Concentration</u>
Ethanol	64-17-5	60.0 - 75.0
o-Phenylphenol	90-43-7	0.2 - 0.3

**SECTION 4. FIRST-AID MEASURES**

**Description of first aid measures:**

Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Do not induce vomiting, unless directed to do so by qualified medical personnel. Seek immediate medical attention/advice.
Inhalation	Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Seek immediate medical attention/advice.
Skin contact	Remove/Take off immediately all contaminated clothing. Wash exposed area thoroughly with soap and water for at least 15 minutes. If irritation or symptoms develop, seek medical attention.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Seek immediate medical attention/advice.
Most important symptoms and effects, both acute and delayed	Causes serious eye irritation. Prolonged skin contact may cause dermatitis (rash), characterized by red, dry, itching skin. May cause drowsiness and dizziness. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically. This product is a CNS depressant.



**SECTION 5. FIRE-FIGHTING MEASURES**

<b>Extinguishing media</b>	
Suitable extinguishing media	Dry chemical, foam, carbon dioxide and water fog.
Unsuitable extinguishing media	Water may be ineffective because it may not cool product below the flashpoint.
Special hazards arising from the substance or mixture / Conditions of flammability	Highly flammable liquid and vapour. Will ignite when exposed to heat, flame and other sources of ignition. Vapours are heavier than air and collect in confined and low-lying areas. Vapour can travel considerable distance and flashback to a source of ignition. Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure.
Flammability classification (OSHA 29 CFR 1910.106)	Flammable liquid -Category 2
Explosion Data: Sensitivity to Mechanical Impact / Static Discharge:	Not expected to be sensitive to mechanical impact. May be sensitive to static discharge. Vapours in the flammable range may be ignited by a static discharge of sufficient energy.
Hazardous combustion products	Carbon oxides and other irritating fumes and smoke.
<b>Special protective equipment and precautions for firefighters</b>	
Protective equipment for fire-fighters	Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.
Special fire-fighting procedures	Immediately evacuate personnel to safe areas. Fight fires from a safe distance. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	Ensure clean-up is conducted by trained personnel only. Keep all other personnel upwind and away from the spill/release. All persons dealing with clean-up should wear the appropriate protective equipment including self-contained breathing apparatus. Refer to Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION, for additional information on acceptable personal protective equipment. Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. For large spills, dike the area to prevent spreading.
<b>Environmental precautions</b>	
Methods and material for containment and cleaning up	Ventilate area of release. Remove all sources of ignition. Use only non-sparking tools and equipment in the clean-up process. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Do not use combustible absorbents, such as sawdust. Notify the appropriate authorities as required.
Special spill response procedures	In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887. If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002). US CERCLA Reportable quantity (RQ): Methanol (5000 lbs / 2270 kg)



**SECTION 7. HANDLING AND STORAGE**

Precautions for safe handling	Use in a well-ventilated area. Wear suitable protective equipment during handling. Do not ingest. Avoid breathing vapours. Avoid contact with skin, eyes and clothing. Keep away from heat, sparks, and open flames. Use proper bonding and grounding techniques when transferring liquid. Avoid contact with incompatible materials. Wash thoroughly after handling.  Store in a cool, dry, well-ventilated area. Store away from incompatibles and out of direct sunlight. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.
Conditions for safe storage	No smoking in the area. Strong oxidizing agents; Acids; Reactive metals; Bases; Reducing agents.
Methods and material for containment and cleaning up	Ventilate area of release. Remove all sources of ignition. Use only non-sparking tools and equipment in the clean-up process. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Do not use combustible absorbents, such as sawdust. Notify the appropriate authorities as required.
Special spill response procedures	In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887. If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8002). US CERCLA Reportable quantity (RQ): Methanol (5000 lbs / 2270 kg)

**SECTION 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Exposure Limits:				
Chemical Name	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
Ethanol	N/Av	1000ppm	1000 ppm	N/Av
o-Phenylphenol	N/Av	N/Av	N/Av	N/Av

There is no established exposure limits for this product. The above exposure limits are provided for safety reasons.

Exposure controls	
Ventilation and engineering measures	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits. Use explosion-proof equipment.
Respiratory protection	Respiratory protection is required if the concentrations exceed the TLV. A NIOSH/MSHA approved air-purifying respirator with the appropriate chemical cartridges or a positive-pressure, air-supplied respirator may be used to reduce exposure.
Skin protection	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
Eye / face protection	Chemical splash goggles are recommended. A full face shield may also be necessary.
Other protective equipment	Wear resistant clothing and boots. An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Do not ingest. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.



**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Clear to light straw (coloured liquied)
Odour	Mild alcohol odour
Odour threshold	10ppm
pH	No information available
Melting/Freezing point	-114°C (-173.2°F) (Ethanol)
Initial boiling point and boiling range	78.3°C (172.94°F) (Ethanol )
Flash point	24°C (75.2°F)
Flashpoint (Method)	Pensky Martens Closed Cup
Evaporation rate (BuAe =1)	<2.4
Flammability (solid, gas)	Not applicable
Lower flammable limit (% by vol.)	3.3% (Ethanol)
Upper flammable limit (% by vol.)	19% (Ethanol)
Oxidizing properties	None known
Explosive properties	No information available
Vapour pressure	5.9kPa at 20°C
Vapour density	1.59 (air = 1)
Relative density/ Specific gravity	No information available
Solubility in water	Miscible
Other solubility(ies)	No information available
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution	Log P (oct) = -0.32
Auto-ignition temperature	<363°C (<685.4°F) (Ethanol)
Decomposition temperature	No information available
Viscosity	No information available
Volatiles (% by weight)	No information available
Volatile organic compounds (VOC' s)	No information available
Absolute pressure of container	Not applicable
Flame projection length	Not applicable
Other physical/ chemical comments	No additional information

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	Not normally reactive.
Chemical stability	Hazardous polymerization does not occur.
Possibility of hazardous reactions	Direct sources of heat. Keep away from flames and sparks. Do not use in areas without adequate ventilation.
Conditions to avoid	Keep this product away from heat, sparks, flame, and other sources of ignition (e.g. pilot lights, electric motors, static electricity). Keep away from direct sunlight.
Incompatible materials	Strong oxidizing agents; Acids; Reactive metals; Bases; Reducing agents.
Hazardous decomposition products	None known, refer to hazardous combustion products in Section 5.



**SECTION 11. TOXICOLOGICAL INFORMATION**

<b>Information on likely routes of exposure:</b>	
Routes of entry inhalation	YES
Routes of entry skin & eye	YES
Routes of entry Ingestion	YES
Routes of exposure skin absorption	NO
Hazardous decomposition products	None known, refer to hazardous combustion products in Section 5.
<b>Potential Health Effects:</b>	
Signs and symptoms of short-term (acute) exposure	
Sign and symptoms Inhalation	May cause irritation to the nose, throat and upper respiratory tract. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects.
Sign and symptoms ingestion	May cause irritation of mouth, throat, and stomach. Symptoms may include pain, headache, nausea, vomiting, dizziness, drowsiness and other central nervous system effects. Product may present an aspiration hazard, if ingested in large amounts, causing life-threatening lung injury. Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.
Sign and symptoms skin	May cause mild to moderate irritation.
Sign and symptoms eyes	Causes severe eye irritation. May cause burning sensation, redness and tearing (watering).
Potential Chronic Health Effects	Prolonged or repeated contact may cause drying, cracking and defatting of the skin.
Mutagenicity	Not expected to have other reproductive effects. Contains ethanol, suspected of being a mutagen, based on animal data. Ethanol has been shown to cause mutagenic effects but at extremely high oral doses, which are not applicable in an occupational setting.
Carcinogenicity	Note that this product contains ethanol, a confirmed animal carcinogen (A3) by the ACGIH and human carcinogen (Group 1) by the IARC; however, this is only applicable when the chemical is present in alcoholic beverages. Contains: o-Phenylphenol. o-Phenylphenol is listed as an IARC Group 3.
Reproductive effects & Teratogenicity	Not expected to cause reproductive effects.
Senitization to material	Not expected to be a skin or respiratory sensitizer.
Specific target organ effects	This material is classified as hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012). Classification Specific target organ toxicity - single exposure -Category 3 May cause drowsiness and dizziness.
Irritancy	Severe eye irritant. Mild to moderate skin irritant.
Medical conditions aggravated by overexposure	Pre-existing skin, eye and respiratory disorders.
Synergistic materials	No information available.
Toxicological data	There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data. The calculated ATE values for this mixture are: ATE oral = 6982.63 mg/kg ATE dermal = 1561.9 mg/kg ATE inhalation (vapours) = 28.7 mg/L/4H
Other important toxicological hazards	None known or reported by the manufacturer.

<u>Chemical name</u>	<b>LC<sub>50</sub>(4hr)</b>	<b>LD<sub>50</sub></b>	
	<u>inh. rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Ethanol	>61mg/L (vapour)	7060 mg/kg	>15800mg/kg
o-Phenylphenol	0.237mg/L/4H	2000mg/kg	>5000 mg/kg

**SECTION 12. ECOLOGICAL INFORMATION**

Ecotoxicity	See the following tables for individual ingredient ecotoxicity data.
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**Ecotoxicity data:**

<u>Ingredients</u>	CAS No	<b>Toxicity to Fish</b>		
		<b>LC<sub>50</sub> / 96h</b>	<b>NOEC / 21 day</b>	<b>M Factor</b>
Ethanol	64-17-5	>100mg/L (Fathead minnow)	N/Av	None.
o-Phenylphenol	90-43-7	5.99mg/L (Pimephales promelas (fathead minnow))	N/Av	None.

<u>Ingredients</u>	CAS No	<b>Toxicity to Daphnia</b>		
		<b>EC<sub>50</sub> / 48h</b>	<b>NOEC / 21 day</b>	<b>M Factor</b>
Ethanol	64-17-5	5012mg/L Daphnia magna (Water flea)	N/Av	None.
o-Phenylphenol	90-43-7	1.5mg/L (Daphnia magna (Water flea) )	N/Av	None.

<u>Ingredients</u>	CAS No	<b>Toxicity to Algae</b>		
		<b>EC<sub>50</sub> / 96h or 72h</b>	<b>NOEC / 96h or 72h</b>	<b>M Factor</b>
Ethanol	64-17-5	1000mg/L (Green algae)	N/Av	None.
o-Phenylphenol	90-43-7	0.98mg/L/72hr (Green algae)	N/Av	1



Persistence and degradability	Ethanol is considered to be readily biodegradable. o-Phenylphenol is considered to be readily biodegradable.
Bioaccumulation potential	The log Kow for Ethanol is -0.31, and it is not expected to bioaccumulate. The log Kow for o-Phenylphenol is 3.36.
Mobility in soil	No data is available on the product itself.
Other Adverse Environmental effects	No data is available on the product itself



**SECTION 13. DISPOSAL INFORMATION**

Handling for Disposal	Handle waste according to recommendations in Section 7. Do not cut, weld, drill or grind on or near this container. Empty containers retain residue (liquid and/or vapour) and can be dangerous.
Methods of Disposal	Reuse or recycling should be given priority over disposal. If the material is unsuitable for recycling or reclamation, dispose of in accordance with federal, provincial and local hazardous waste laws. Contact your local, state or federal environmental agency for specific rules.
RCRA	If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

**SECTION 14. TRANSPORTATION INFORMATION**

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	UN1170	ETHANOL SOLUTION more than 24 per cent ethanol, by volume	3	III	
<b>TDG Additional information</b>	May be shipped as a Limited Quantity when transported in containers no larger than 5.0 L, in combination packagings no larger than 30 kg gross mass. Under the TDGR, refer to Section 1.17 for additional exemption information, if shipping under this exemption.				
49CFR/DOT	UN1170	ETHANOL SOLUTION more than 24 per cent ethanol, by volume	3	III	
<b>49CFR/DOT Additional information</b>	May be shipped as a Limited Quantity when transported in containers no larger than 5.0 L, in combination packagings no larger than 30 kg gross mass. Refer to 49 CFR Section 173.150.				

Special precautions for user	Appropriate advice on safety must accompany the package. Keep away from heat, sparks and open flame. - No smoking.
Environmental hazards	This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This information is not available.



**SECTION 15. REGULATORY INFORMATION**

US Federal Information:  
Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Ethanol	64-17-5	Yes	N/Ap	N/Av	No	N/Ap
o-Phenylphenol	90-43-7	Yes	N/Ap	N/Av	Yes	1%

US State Right to Know Laws:  
The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Ethanol	64-17-5	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
o-Phenylphenol	90-43-7	Yes	Carcinogen	No	Yes	No	Yes	Yes	No

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Immediate (Acute) health hazard; Chronic Health Hazard; Fire Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

**Canadian Information:**

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

Canadian WHMIS Classification: Refer to Section 2 for a WHMIS Classification for this product.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

**International Information:**

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	New Zealand IOC
Ethanol	64-17-5	200-578-6	Present	Present	(2)-202	KE-13217	Present	HSR001144
o-Phenylphenol	90-43-7	201-993-5	Present	Present	(4)-19; (4)-20	KE-02870	Present	HSR002960

**SECTION 16. OTHER INFORMATION**

Legend	
	ACGIH: American Conference of Governmental Industrial Hygienists
	AICS: Australian Inventory of Chemical Substances
	CAS: Chemical Abstract Services
	CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
	DOT: Department of Transportation
	EINECS: European Inventory of Existing Commercial chemical Substances
	ENCS: Existing and New Chemical Substances
	HSDB: Hazardous Substances Data Bank
	IARC: International Agency for Research on Cancer
	IATA: International Air Transport Association ICAO
	ICAO: International Civil Aviation Organisation IECSC:
	IECSC: Inventory of Existing Chemical Substances
	Inh: Inhalation



	IOC: Inventory of Chemicals
	KECI: Korean Existing Chemicals Inventory
	KECL: Korean Existing Chemicals List
	LC: Lethal Concentration
	LD: Lethal Dose
	MSHA: Mine Safety and Health Administration
	N/Ap: Not Applicable
	N/Av: Not Available
	NIOSH: National Institute of Occupational Safety and Health
	NOEC: No observable effect concentration
	NTP: National Toxicology Program
	OSHA: Occupational Safety and Health Administration
	PEL: Permissible exposure limit
	PICCS: Philippine Inventory of Chemicals and Chemical Substances
	RCRA: Resource Conservation and Recovery Act
	RI: Rhode Island
	RTECS: Registry of Toxic Effects of Chemical Substances
	SARA: Superfund Amendments and Reauthorization Act
	STEL: Short Term Exposure Limit
	TCC: Tagliabue Closed Cup
	TDG: Canadian Transportation of Dangerous Goods Act & Regulations
	TLV: Threshold Limit Values
	TWA: Time Weighted Average
	TSCA: Toxic Substance Control Act
	WHMIS: Workplace Hazardous Materials Identification System
References	<ol style="list-style-type: none"> <li>1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 2013.</li> <li>2. International Agency for Research on Cancer Monographs searched 2013.</li> <li>3. Canadian Centre for Occupational Health and Safety, CCIInfoWeb databases (Chempendium, HSDB and RTECs). (2013)</li> <li>4. Material Safety Data Sheet from manufacturer.</li> <li>5. US EPA Title III List of Lists - October 2012 Version</li> <li>6. California Proposition 65 List - 31 January 2017</li> </ol>
Preparation Date (mm/dd/yyyy)	01/31/2017
Other special considerations for handling	Provide adequate information, instruction and training for operators
Prepared by:	Proterra Management Group Inc. Unit 1110 - 4871 Shell Rd Richmond, BC Canada V6X 3Z6 Tel: (604) 370-3796 Please direct all enquiries to Proterra Management Group Inc.

**DISCLAIMER**

This Safety Data Sheet was prepared by Proterra Management Group Inc. The information in the Safety Data Sheet is offered for your consideration and guidance when exposed to this product. Proterra Management Group Inc. expressly disclaim all expressed or implied warranties and assume no responsibilities for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process.

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