













SDS Preparation Date (mm/dd/yyyy): 03/25/2020

## SAFETY DATA SHEET

Distillates (petroleum), hydrotreated heavy naphthenic	> 5 mg/L (mist)	> 5000 mg/kg	> 2000 mg/kg
Carbon dioxide	200 000 ppm/2H (141 421 ppm/4H)	N/Ap(gas)	N/Ap(gas)

**Other important toxicological hazards**

- : Reports have associated repeated and prolonged occupational overexposure to various organic solvents with internal organ, brain and nervous system damage.

**SECTION 12. ECOLOGICAL INFORMATION**

- Ecotoxicity** : Toxic to aquatic life with long lasting effects. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. The product contains the following substances which are hazardous for the environment: Tetrachloroethylene.

See the following tables for individual ingredient ecotoxicity data.

**Ecotoxicity data:**

<u>Ingredients</u>	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Tetrachloroethylene (Perchloroethylene)	127-18-4	5 mg/L (Rainbow trout)	N/Av	None.
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	> 5000 mg/L (Rainbow trout)	N/Av	None.
Carbon dioxide	124-38-9	N/Ap	N/Ap	N/Ap

<u>Ingredients</u>	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Tetrachloroethylene (Perchloroethylene)	127-18-4	8.5 mg/L (Daphnia magna)	0.51 mg/L/28-day	None.
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	> 1000 mg/L (Daphnia magna)	N/Av	None.
Carbon dioxide	124-38-9	N/Ap	N/Ap	N/Ap

<u>Ingredients</u>	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Tetrachloroethylene (Perchloroethylene)	127-18-4	3.64 mg/L/72hr (Green algae)	N/Av	None.
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	> 1000 mg/L/96hr (Green algae)	N/Av	None.
Carbon dioxide	124-38-9	N/Ap	N/Ap	N/Ap

**Persistence and degradability**

- : The product itself has not been tested.  
Contains the following chemicals which are considered to be inherently biodegradable: Distillates (petroleum), hydrotreated heavy naphthenic.  
Contains the following chemicals which are not readily biodegradable: Tetrachloroethylene.

- Bioaccumulation potential** : The product itself has not been tested. See the following data for ingredient information.

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<u>Components</u>	<u>Partition coefficient n-octanol/ater (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Tetrachloroethylene (Perchloroethylene) (CAS 127-18-4)	3.4	49 (Bluegill sunfish)
Distillates (petroleum), hydrotreated heavy naphthenic (CAS 64742-52-5)	> 20	N/Av

**Mobility in soil** : The product itself has not been tested.

**Other Adverse Environmental effects**



: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

#### SECTION 13. DISPOSAL CONSIDERATIONS

**Handling for Disposal** : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. This material and its container must be disposed of in a safe way.

**Methods of Disposal** : Dispose of in accordance with federal, provincial and local hazardous waste laws.

#### SECTION 14. TRANSPORT INFORMATION

<b>Regulatory Information</b>	<b>UN Number</b>	<b>UN proper shipping name</b>	<b>Transport hazard class(es)</b>	<b>Packing Group</b>	<b>Label</b>
TDG	UN1950	AEROSOLS	2.2(6.1)	none	 
<b>TDG Additional information</b>	May be shipped as a LIMITED QUANTITY in containers no larger than 125 mL, in packages not exceeding 30 kg gross mass. Under the TDGR, refer to Section 1.17 for additional exemption information, if shipping under this exemption.				

**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 meets the criteria for an environmentally hazardous material according to the IMDG Code. See Section 12 for more environmental information.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

: Not applicable.

#### SECTION 15 - REGULATORY INFORMATION

**Canadian Information:**

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

Canadian National Pollutant Release Inventory (NPRI): This product contains the following substances listed on the NPRI: None.

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

**US Federal Information:**

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.



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**SAFETY DATA SHEET****International Information:**

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

<b>Ingredients</b>	<b>CAS #</b>	<b>European EINECs</b>	<b>Australia AICS</b>	<b>Philippines PICCS</b>	<b>Japan ENCS</b>	<b>Korea KECI/KECL</b>	<b>China IECSC</b>	<b>NewZealand IOC</b>
Tetrachloroethylene (Perchloroethylene)	127-18-4	204-825-9	Present	Present	(2)-114	KE-33294	Present	HSR001551
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	265-155-0	Present	Present	(9)-1689	KE-12543	Present	May be used as a single component chemical under an appropriate group standard.
Carbon dioxide	124-38-9	204-696-9	Present	Present	(1)-310; (1)-169	KE-04683	Present	HSR001018

**SECTION 16. OTHER INFORMATION****Legend**

- : ACGIH: American Conference of Governmental Industrial Hygienists
- CAS: Chemical Abstract Services
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer
- Inh: Inhalation
- 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
- OECD: Organisation for Economic Co-operation and Development
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- RTECS: Registry of Toxic Effects of Chemical Substances
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TWA: Time Weighted Average
- WHMIS: Workplace Hazardous Materials Identification System

**References**

- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2019.
- 2. International Agency for Research on Cancer Monographs, searched 2019.
- 3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2019 (Chempendium, HSDB and RTECs).
- 4. Safety Data Sheets from manufacturer.
- 5. US EPA Title III List of Lists - June 2019 version.
- 6. California Proposition 65 List - June 2019 version.
- 7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2019.

**Preparation Date (mm/dd/yyyy)**

: 01/22/2019

**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

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**SAFETY DATA SHEET**

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