SAFETY DATA SHEET

1. Identification

Product identifier Wyte Lube 3033 T2423

Other means of identification

Product code 1000019325
Recommended use Lubricant
Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name GP Chemicals Specialty Ltd
Address 65 Beckett Avenue, Holland
Landing, ON L9N 1R8 Canada

Telephone General Assistance 1-905-731-3622

E-mail Not available.

Emergency phone number Emergency - US 1-866-836-8855

Emergency - Outside US 1-952-852-4646

Supplier Not available.

2. Hazard(s) identification

Physical hazardsFlammable aerosolsCategory 1Health hazardsSkin corrosion/irritationCategory 2Aspiration hazardCategory 1

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation.

May cause damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do

not breathe gas. Wash thoroughly after handling. Wear protective gloves.

Response IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF ON

SKIN: Wash with plenty of water. Get medical advice/attention if you feel unwell. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Category 2

Storage Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Environmental hazards Hazardous to the aquatic environment, acute Category 2

hazard

Hazardous to the aquatic environment,

long-term hazard

Other hazards None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Naphtha, (Petroleum), Hydrotreated Light		64742-49-0	15 - 40
Propane		74-98-6	10 - 30
Distillates (petroleum), Hydrotreated Light		64742-47-8	7 - 13
n-Heptane		142-82-5	7 - 13
Methylcyclohexane		108-87-2	0.5 - 1.5
Titanium dioxide		13463-67-7	0.5 - 1.5
Zinc Oxide		1314-13-2	0.5 - 1.5
Other components below reportable I	levels		30 - 60

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

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get

medical advice/attention. Wash contaminated clothing before reuse.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If

vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important Aspiration may caus

symptoms/effects, acute and delayed

Aspiration may cause pulmonary edema and pneumonitis. Dizziness. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Special Symptoms may be delayed

General informationIf 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.

5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

Specific hazards arising from the chemical

Special protective equipment

and precautions for firefighters

Fire fighting equipment/instructions

Specific methods

General fire hazards

equipment/instructions

Powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe gas. 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

Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent entry into waterways, sewer, basements or confined areas. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

ΠC	ACCIH	Thresho	ald Li	mit \	/aluae
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Components	Туре	Value	Form
Methylcyclohexane (CAS 108-87-2)	TWA	400 ppm	
n-Heptane (CAS 142-82-5)	STEL	500 ppm	
	TWA	400 ppm	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Zinc Oxide (CAS 1314-13-2)	STEL	10 mg/m3	Respirable fraction.
	TWA	2 mg/m3	Respirable fraction.
Canada. Alberta OELs (Occupation	nal Health & Safety Code, Sc	hedule 1, Table 2)	
Components	Туре	Value	Form
Methylcyclohexane (CAS 108-87-2)	TWA	1610 mg/m3	
		400 ppm	
n-Heptane (CAS 142-82-5)	STEL	2050 mg/m3	
		500 ppm	
	TWA	1640 mg/m3	
		400 ppm	
Propane (CAS 74-98-6)	TWA	1000 ppm	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Zinc Oxide (CAS 1314-13-2)	STEL	10 mg/m3	Respirable.
•	TWA	2 mg/m3	Respirable.

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

Components	Туре	Value	Form
Distillates (petroleum), Hydrotreated Light (CAS 14742-47-8)	TWA	200 mg/m3	Non-aerosol.
Methylcyclohexane (CAS 08-87-2)	TWA	400 ppm	
i-Heptane (CAS 142-82-5)	STEL	500 ppm	
	TWA	400 ppm	
itanium dioxide (CAS 3463-67-7)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Total dust.
Zinc Oxide (CAS 314-13-2)	STEL	10 mg/m3	Respirable.
314-13-2)	TWA	2 mg/m3	Respirable.
anada. Manitoba OELs (Reg. 217		And Health Act)	_
Components	Туре	Value	Form
Methylcyclohexane (CAS 08-87-2)	TWA	400 ppm	
I-Heptane (CAS 142-82-5)	STEL	500 ppm	
	TWA	400 ppm	
itanium dioxide (CAS 3463-67-7)	TWA	10 mg/m3	
Zinc Oxide (CAS	STEL	10 mg/m3	Respirable fraction.
314-13-2)			D : 11 (::
,	TWA	2 ma/m3	Respirable fraction.
·	TWA f Exposure to Biological or Ch	2 mg/m3	Respirable fraction.
Canada. Ontario OELs. (Control o Components		_	Form
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS	f Exposure to Biological or Ch	nemical Agents)	·
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS	f Exposure to Biological or Ch Type	nemical Agents) Value	·
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Zinc Oxide (CAS	f Exposure to Biological or Ch Type TWA	value 400 ppm	·
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7)	f Exposure to Biological or Ch Type TWA TWA	Value 400 ppm 10 mg/m3	Form
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Zinc Oxide (CAS	f Exposure to Biological or Ch Type TWA TWA STEL TWA	Value 400 ppm 10 mg/m3 10 mg/m3 2 mg/m3	Form Respirable fraction. Respirable fraction.
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Zinc Oxide (CAS 314-13-2)	f Exposure to Biological or Ch Type TWA TWA STEL TWA	Value 400 ppm 10 mg/m3 10 mg/m3 2 mg/m3	Form Respirable fraction. Respirable fraction.
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Zinc Oxide (CAS 314-13-2) Canada. Quebec OELs. (Ministry of Components Methylcyclohexane (CAS	f Exposure to Biological or Ch Type TWA TWA STEL TWA TWA of Labor - Regulation Respect	value 400 ppm 10 mg/m3 10 mg/m3 2 mg/m3 ing the Quality of the Work Er	Form Respirable fraction. Respirable fraction. avironment)
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Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Zinc Oxide (CAS 314-13-2) Canada. Quebec OELs. (Ministry of Components Methylcyclohexane (CAS	f Exposure to Biological or Ch Type TWA TWA STEL TWA of Labor - Regulation Respect Type	value 400 ppm 10 mg/m3 10 mg/m3 2 mg/m3 ing the Quality of the Work Ervalue 1610 mg/m3	Form Respirable fraction. Respirable fraction. avironment)
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Zinc Oxide (CAS 314-13-2) Canada. Quebec OELs. (Ministry of Components Methylcyclohexane (CAS 08-87-2)	f Exposure to Biological or Ch Type TWA TWA STEL TWA of Labor - Regulation Respect Type TWA	value 400 ppm 10 mg/m3 10 mg/m3 2 mg/m3 ing the Quality of the Work Ervalue 1610 mg/m3 400 ppm	Form Respirable fraction. Respirable fraction. avironment)
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Zinc Oxide (CAS 314-13-2) Canada. Quebec OELs. (Ministry of Components Methylcyclohexane (CAS 08-87-2)	f Exposure to Biological or Ch Type TWA TWA STEL TWA of Labor - Regulation Respect Type TWA	value 400 ppm 10 mg/m3 10 mg/m3 2 mg/m3 ing the Quality of the Work Ervalue 1610 mg/m3 400 ppm 2050 mg/m3	Form Respirable fraction. Respirable fraction. avironment)
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Zinc Oxide (CAS 314-13-2) Canada. Quebec OELs. (Ministry of Components Methylcyclohexane (CAS 08-87-2)	TWA TWA STEL TWA of Labor - Regulation Respect Type TWA STEL TWA STEL TYPE TWA	value 400 ppm 10 mg/m3 10 mg/m3 2 mg/m3 ing the Quality of the Work Er Value 1610 mg/m3 400 ppm 2050 mg/m3 500 ppm	Form Respirable fraction. Respirable fraction. avironment)
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Zinc Oxide (CAS 314-13-2) Canada. Quebec OELs. (Ministry of Components Methylcyclohexane (CAS 08-87-2)	TWA TWA STEL TWA of Labor - Regulation Respect Type TWA STEL TWA STEL TYPE TWA	wemical Agents) Value 400 ppm 10 mg/m3 10 mg/m3 2 mg/m3 ing the Quality of the Work Ervalue 1610 mg/m3 400 ppm 2050 mg/m3 500 ppm 1640 mg/m3	Form Respirable fraction. Respirable fraction. avironment)
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Zinc Oxide (CAS 314-13-2) Canada. Quebec OELs. (Ministry of Components Methylcyclohexane (CAS 08-87-2) 1-Heptane (CAS 142-82-5)	f Exposure to Biological or Ch Type TWA TWA STEL TWA of Labor - Regulation Respect Type TWA STEL TWA STEL TWA	value 400 ppm 10 mg/m3 10 mg/m3 2 mg/m3 ing the Quality of the Work Ervalue 1610 mg/m3 400 ppm 2050 mg/m3 500 ppm 1640 mg/m3 400 ppm	Form Respirable fraction. Respirable fraction. avironment)
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Cinc Oxide (CAS 314-13-2) Canada. Quebec OELs. (Ministry of Components Methylcyclohexane (CAS 08-87-2) 1-Heptane (CAS 142-82-5) Propane (CAS 74-98-6) Titanium dioxide (CAS	f Exposure to Biological or Ch Type TWA TWA STEL TWA of Labor - Regulation Respect Type TWA STEL TWA STEL TWA	10 mg/m3 10 mg/m3 2 mg/m3 ing the Quality of the Work Er Value 1610 mg/m3 400 ppm 2050 mg/m3 500 ppm 1640 mg/m3 400 ppm 1800 mg/m3	Form Respirable fraction. Respirable fraction. avironment)
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Cinc Oxide (CAS 314-13-2) Canada. Quebec OELs. (Ministry of Components Methylcyclohexane (CAS 08-87-2) 1-Heptane (CAS 142-82-5) Propane (CAS 74-98-6) Titanium dioxide (CAS 3463-67-7) Cinc Oxide (CAS	TWA TWA STEL TWA Of Labor - Regulation Respect Type TWA STEL TWA TWA TWA TWA TWA TWA STEL TWA TWA	10 mg/m3 10 mg/m3 10 mg/m3 2 mg/m3 ing the Quality of the Work Er Value 1610 mg/m3 400 ppm 2050 mg/m3 500 ppm 1640 mg/m3 400 ppm 1800 mg/m3 1000 ppm	Respirable fraction. Respirable fraction. avironment) Form
Canada. Ontario OELs. (Control o Components Methylcyclohexane (CAS 08-87-2) Titanium dioxide (CAS 3463-67-7) Cinc Oxide (CAS 314-13-2) Canada. Quebec OELs. (Ministry of Components Methylcyclohexane (CAS 08-87-2) 1-Heptane (CAS 142-82-5) Propane (CAS 74-98-6) Titanium dioxide (CAS 3463-67-7)	TWA TWA STEL TWA Of Labor - Regulation Respect Type TWA STEL TWA TWA TWA TWA STEL TWA TWA STEL TWA TWA STEL TWA	10 mg/m3 10 mg/m3 10 mg/m3 2 mg/m3 ing the Quality of the Work Er Value 1610 mg/m3 400 ppm 2050 mg/m3 500 ppm 1640 mg/m3 400 ppm 1800 mg/m3 1000 ppm 10 mg/m3	Respirable fraction. Respirable fraction. avironment) Form Total dust.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Exposure guidelines

Canada - British Columbia OELs: Skin designation

Distillates (petroleum), Hydrotreated Light (CAS 64742-47-8)

Can be absorbed through the skin.

Product name: Wyte Lube 3033 T2423

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove

supplier.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an

air-supplied respirator.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Gas.
Form Aerosol.
Color Not available.
Odor Not available.
Odor threshold Not available.
PH Not available.
Melting point/freezing point Not available.

Initial boiling point and boiling

range

203 °F (95 °C) estimated

Flash point -156.0 °F (-104.4 °C) propellant estimated

Evaporation rate Not available.
Flammability (solid, gas) Not available.
Upper/lower flammability or explosive limits

Flammability limit - lower

1 % estimated

(%)

Flammability limit - upper

8 % estimated

(%)

Explosive limit - lower (%) Not available.
Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density Not available.

Relative density Not available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature 468.58 °F (242.54 °C) estimated

Decomposition temperature Not available. **Viscosity** Not available.

Other information

Explosive properties Not explosive.

Oxidizing properties Not oxidizing.

Specific gravity 0.402 estimated

Product name: Wyte Lube 3033 T2423

Product #: 1000019325 Version #: 02 Revision date: 02-13-2019 Issue date: 03-31-2017

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous Hazardous polymerization does not occur.

reactions

Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition

products

No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation May cause damage to organs through prolonged or repeated exposure by inhalation.

Skin contact Causes skin irritation.

Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious

chemical pneumonia.

Symptoms related to the physical, chemical and toxicological characteristics

Aspiration may cause pulmonary edema and pneumonitis. Dizziness. Skin irritation. May cause

redness and pain.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways.

Additionally	may be latar in entanemed and ente	5.5 a rajo.
Components	Species	Test Results
Distillates (petroleum), Hydr	otreated Light (CAS 64742-47-8)	
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg
		> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rat	> 7.5 mg/l, 6 Hours
		> 4.6 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Methylcyclohexane (CAS 10	08-87-2)	
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
Vapor		
LC100	Rabbit	59.9 mg/l
LC50	Dog	> 4071 ppm, If <1L: Consumer Commodity Hours
		> 16.3 mg/l, If <1L: Consumer Commodity Hours
	Mouse	> 6564 ppm, If <1L: Consumer Commodity Hours
		> 26.3 mg/l, If <1L: Consumer Commodity Hours
	Rat	> 6564 ppm, If <1L: Consumer Commodity Hours
		> 26.3 mg/l, If <1L: Consumer Commodity

Product name: Wyte Lube 3033 T2423 SDS CANADA

Hours

Components	Species	Test Results
LC50	Rat	16 mg/l, 4 Hours
	reated Light (CAS 64742-49-0)	
<u>Acute</u>		
Dermal	0	0.4.1/
LD50	Guinea pig; Rabbit	> 9.4 ml/kg, 24 Hours
	Rabbit	> 1900 mg/kg, 24 Hours
Inhalation	5.	F200 / 0 / 11
LC50	Rat	> 5000 mg/m3, 4 Hours
		> 4980 mg/m3
		> 4980 mg/m3, 4 Hours
		> 4.96 mg/l, 4 Hours
		13700 ppm, 4 Hours
Oral		
LD50	Rat	4820 mg/kg
-Heptane (CAS 142-82-5)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rat	> 29.29 mg/l, 4 Hours
Oral	5 .	F200 //
LD50	Rat	> 5000 mg/kg
Propane (CAS 74-98-6)		
<u>Acute</u>		
Inhalation LC50	Mouse	1237 mg/l, 120 Minutes
LC30	Mouse	52 %, 120 Minutes
	D-t	
	Rat	1355 mg/l
		658 mg/l/4h
itanium dioxide (CAS 13463-	6/-/)	
<u>Acute</u> Inhalation		
LC50	Rat	> 2.28 mg/l, 4 Hours
Oral	Hat	> 2.20 mg/i, 4 Hours
LD50	Mouse	> 5000 mg/kg
2200	Rat	> 2000 mg/kg
inc Oxide (CAS 1314-13-2)	riat	> 2000 mg/ng
Acute		
<u>Acute</u> Dermal		
LD50	Rat	> 2000 mg/kg, 24 Hours
Inhalation		5 5 .
LC50	Rat	> 5700 mg/m3
Oral		-
LD50	Mouse	2000 - 5000 mg/kg
	Rat	> 5000 mg/kg

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye Direct contact with eyes may cause temporary irritation.

irritation

Respiratory or skin sensitization

Canada - Alberta OELs: Irritant

Titanium dioxide (CAS 13463-67-7) Irritant

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

No data available to indicate product or any components present at greater than 0.1% are Germ cell mutagenicity

mutagenic or genotoxic.

Carcinogenicity

ACGIH Carcinogens

Titanium dioxide (CAS 13463-67-7) A4 Not classifiable as a human carcinogen.

Canada - Manitoba OELs: carcinogenicity

TITANIUM DIOXIDE (CAS 13463-67-7) Not classifiable as a human carcinogen.

IARC Monographs. Overall Evaluation of Carcinogenicity

Titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

This product is not expected to cause reproductive or developmental effects. Reproductive toxicity

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard May be fatal if swallowed and enters airways.

Chronic effects May cause damage to organs through prolonged or repeated exposure.

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Components		Species	Test Results
Distillates (petroleum)), Hydrotreated Ligh	t (CAS 64742-47-8)	
Aquatic			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.9 mg/l, 96 hours
Methylcyclohexane (C	CAS 108-87-2)		
Aquatic			
Fish	LC50	Striped bass (Morone saxatilis)	5.8 mg/l, 96 hours
n-Heptane (CAS 142-	-82-5)		
Aquatic			
Fish	LC50	Mozambique tilapia (Tilapia mossambica)	375 mg/l, 96 hours
Titanium dioxide (CAS	S 13463-67-7)		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours
Fish	LC50	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours
Zinc Oxide (CAS 131	4-13-2)		
Aquatic	·		
Fish	LC50	Fathead minnow (Pimephales promela	as) 2246 mg/l, 96 hours

^{*} Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

Methylcyclohexane 3.61 n-Heptane 4.66 Propane 2.36

Mobility in soil No data 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.

13. Disposal considerations

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents **Disposal instructions**

> under pressure. Do not puncture, incinerate or crush. 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.

Dispose in accordance with all applicable regulations. Local disposal regulations

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues / unused

products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal. Do not re-use empty containers.

14. Transport information

TDG

UN number UN1950

UN proper shipping name AEROSOLS, flammable

Transport hazard class(es)

Class 2.1 Subsidiary risk

Not applicable. Packing group

Environmental hazards

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

This product meets the exemption requirements and may be shipped as a limited quantity.

IATA

UN1950 **UN number**

UN proper shipping name Transport hazard class(es)

Aerosols, flammable

2.1 Class Subsidiary risk 2.1 Label(s)

Not applicable. Packing group

Environmental hazards Yes **ERG Code** 10L

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Allowed with restrictions.

Cargo aircraft only Allowed with restrictions.

IMDG

UN1950 **UN number AEROSOLS UN proper shipping name**

Transport hazard class(es)

Class 2.1 Subsidiary risk Label(s) 2.1

Packing group Not applicable.

Environmental hazards

Marine pollutant Yes **EmS** F-D, S-U

Special precautions for user Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and Not applicable.

the IBC Code

IATA; IMDG; TDG



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

15. Regulatory information

Canadian regulations

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable. **Basel Convention**

Not applicable.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes

Country(s) or region Inventory name On inventory (yes/no)*

Philippines Philippine Inventory of Chemicals and Chemical Substances

(PICCS)

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)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other Information

 Issue date
 03-31-2017

 Revision date
 02-13-2019

Version # 02

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge,

information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other

materials or in any process, unless specified in the text.

Revision information Product and Company Identification: Alternate Trade Names