

SAFETY DATA SHEET.

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Revision Date 14-Sep-2022

Version 1.01

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name TB400 ON-CAR THROTTLE BODY & INTAKE CLEANER

Recommended use of the chemical and restrictions on use

Product code F02462

Product Type Extremely Flammable Aerosol
Synonyms None

Supplier's details

Recommended Use Throttle Body Cleaner.

Uses advised against **No information available**

Manufactured For:
Prostream Australia PTY. LTD.
Building 51, 885 Mountain Highway
Bayswater VIC 3153
03 8809 2335
Australia ABN 16 159 542 319
www.prostream.com.au

Manufacturer
American Jetway Corporation
34136 Myrtle Street
Wayne, MI 48184-0126
Phone:(734) 721-5930

Emergency telephone number

Chemical Emergency Phone Number CHEMTREC: 1-800-262-8200 ID 1195 (UNITED STATES)
CHEMTREC: +1-703-527-3887 (INTERNATIONAL)
Company Emergency Phone Number AUSTRALIA ABN 16 159 542 319

2. HAZARDS IDENTIFICATION

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1
Flammable Aerosols	Category 1
Gases under pressure	Compressed Gas

**GHS Label elements, including
precautionary statements**

Emergency Overview

DANGER

Hazard Statements

Causes skin irritation.
Causes serious eye irritation.
Suspected of causing cancer.
May cause respiratory irritation. May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.
Extremely Flammable Aerosol
Contains gas under pressure; may explode if heated



Appearance Clear

Physical state Aerosol

Odor Solvent

Precautionary Statements - Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wash face, hands and any exposed skin thoroughly after handling.
Avoid breathing fumes, gas, mist, vapors, spray.
Use only outdoors or in a well-ventilated area.
Keep away from heat, sparks, open flames, hot surfaces - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.

Precautionary Statements - Response

If exposed or concerned: Call a poison center, doctor.
Specific treatment (see first aid on this label).
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 ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice, attention.
Take off contaminated clothing and wash it before reuse.
IF INHALED : Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor, physician if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER, doctor, physician.

Do NOT induce vomiting.

Precautionary Statements - Storage

Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements - Disposal

Dispose of contents, container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

None

Other information

0.000034% of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %*
SOLVENT NAPHTHA	64742-94-5	10-20
AROMATIC HYDROCARBON	64742-95-6	10-20
OCTADECANOIC ACID	112-80-1	10-20
4-METHYL-2-PENTANOL	108-11-2	1-10
PSEUDOCUMENE	95-63-6	1-10
2-BUTOXYETHANOL	111-76-2	1-10
1,3,5-TRIMETHYLBENZENE	108-67-8	1-10
HYDROCARBON SOLVENT	64741-86-2	1-10
NAPHTHENIC OIL, SEVERELY HYDROTREATED	64742-52-5	1-10
NITROGEN GAS	7727-37-9	<1
XYLENE	1330-20-7	<1
CUMENE	98-82-8	<1
NAPHTHALENE	91-20-3	<1
ETHYLENE GLYCOL	107-21-1	<0.1
BENZENE	71-43-2	<0.1
P-DICHLOROBENZENE	106-46-7	<0.1

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

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice	Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, mist, or gas.
Eye contact	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, consult a doctor.
Skin contact	Wash off with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
Inhalation	Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.
Ingestion	Call a physician or Poison Control Center immediately. Do NOT induce vomiting. Drink

plenty of water. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

Protection of First-aiders Remove all sources of ignition.

Most important symptoms/effects, acute and delayed

Main Symptoms Causes skin and serious eye irritation. Suspected of causing cancer. May cause respiratory irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water fog. Carbon Dioxide (CO₂), Foam, Dry Chemical. Cool Tanks, containers with water spray.

Unsuitable Extinguishing Media Do not use a solid water stream as it may scatter and spread fire. Keep away from sources of ignition - No smoking.

Specific hazards arising from the chemical

Extremely Flammable / Flammable. Keep product and empty container away from heat and sources of ignition. In the event of fire and/or explosion do not breathe fumes.

Explosion Data

Sensitivity to Mechanical Impact none.

Sensitivity to Static Discharge Yes.

Protective Equipment and Precautions for Firefighters

In the event of fire and/or explosion do not breathe fumes. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use with adequate ventilation to keep the exposure levels below the OELS. Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions

Environmental precautions Vapors can accumulate in low areas. Report spills as required by local and federal regulations. Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

Methods and materials for containment and cleaning up

Methods for Containment Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.

Methods for cleaning up Soak up with inert absorbent material. Contain liquid and collect with an inert, non-combustible material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Contents under pressure. Do not puncture or incinerate cans. Handle in accordance with good industrial hygiene and safety practice. Take precautionary measures against static discharges.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

Incompatible products

Strong acids, alkalis, oxidizing agents.

Aerosol Level

2

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
4-METHYL-2-PENTANOL 108-11-2	STEL: 40 ppm TWA: 20 ppm	TWA: 25 ppm TWA: 100 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 100 mg/m ³ (vacated) STEL: 40 ppm (vacated) STEL: 165 mg/m ³ (vacated) S* S*	IDLH: 400 ppm TWA: 25 ppm TWA: 100 mg/m ³ STEL: 40 ppm STEL: 165 mg/m ³
PSEUDOCUMENE 95-63-6	-	-	TWA: 25 ppm TWA: 125 mg/m ³
2-BUTOXYETHANOL 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³
1,3,5-TRIMETHYLBENZENE 108-67-8	-	-	TWA: 25 ppm TWA: 125 mg/m ³
NITROGEN GAS 7727-37-9	: See Appendix F: Minimal Oxygen Content	-	-
XYLENE 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m ³	Not Established
CUMENE 98-82-8	TWA: 50 ppm	TWA: 50 ppm TWA: 245 mg/m ³ (vacated) TWA: 50 ppm (vacated) TWA: 245 mg/m ³ (vacated) S* S*	IDLH: 900 ppm TWA: 50 ppm TWA: 245 mg/m ³
NAPHTHALENE 91-20-3	TWA: 10 ppm Skin - potential significant contribution to overall exposure by the cutaneous route	TWA: 10 ppm TWA: 50 mg/m ³ (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m ³ (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m ³	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m ³ STEL: 15 ppm STEL: 75 mg/m ³
1,2,3-TRIMETHYLBENZENE 526-73-8	-	-	TWA: 25 ppm TWA: 125 mg/m ³
ETHYLENE GLYCOL 107-21-1	STEL: 50 ppm vapor fraction STEL: 10 mg/m ³ inhalable	(vacated) Ceiling: 50 ppm (vacated) Ceiling: 125 mg/m ³	-

	particulate matter, aerosol only TWA: 25 ppm vapor fraction		
PETROLEUM DISTILLATES 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m ³	IDLH: 20000 mg/m ³ Ceiling: 1800 mg/m ³ 15 min TWA: 350 mg/m ³
BENZENE 71-43-2	STEL: 2.5 ppm TWA: 0.5 ppm Skin - potential significant contribution to overall exposure by the cutaneous route	TWA: 10 ppm applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028 TWA: 1 ppm (vacated) TWA: 10 ppm unless specified in 1910.1028 (vacated) STEL: 50 ppm 10 min unless specified in 1910.1028 (vacated) Ceiling: 25 ppm unless specified in 1910.1028 Ceiling: 25 ppm STEL: 5 ppm see 29 CFR 1910.1028	IDLH: 500 ppm TWA: 0.1 ppm STEL: 1 ppm
ORTHODICHLOROBENZENE 95-50-1	STEL: 50 ppm TWA: 25 ppm	(vacated) Ceiling: 50 ppm (vacated) Ceiling: 300 mg/m ³ Ceiling: 50 ppm Ceiling: 300 mg/m ³	IDLH: 200 ppm Ceiling: 50 ppm Ceiling: 300 mg/m ³
P-DICHLOROBENZENE 106-46-7	TWA: 10 ppm	TWA: 75 ppm TWA: 450 mg/m ³ (vacated) TWA: 75 ppm (vacated) TWA: 450 mg/m ³ (vacated) STEL: 110 ppm (vacated) STEL: 675 mg/m ³	IDLH: 150 ppm

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

NIOSH IDLH: Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Exposure controls

Engineering Measures Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

- Eye/Face Protection** Tightly fitting safety goggles.
- Skin and body protection** Chemical resistant apron. Protective gloves.
- Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state	Aerosol	Odor	Solvent
Appearance	Clear	Odor Threshold	
Color	Light Amber		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	10.5	+/- 0.50
Melting/freezing point	No information available	
Boiling point/boiling range		
Flash Point	38 °C / 100 °F	Tag closed cup (based on components)
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
upper flammability limit		
lower flammability limit		
Vapor pressure		
Vapor density		
Specific Gravity	0.908	
Water solubility	Practically insoluble	
Partition coefficient: n-octanol/water		
Autoignition temperature	No information available	Not applicable
Decomposition temperature		
Viscosity	No information available	
Explosive properties		
<u>Other information</u>		
VOC Content(%)	55.27	

10. STABILITY AND REACTIVITY

Reactivity

Stable under recommended storage conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Heat, flames and sparks. Exposure to air or moisture over prolonged periods. Extremes of temperature and direct sunlight.

Incompatible Materials

Strong acids, alkalis, oxidizing agents.

Hazardous Decomposition Products

Carbon oxides , Hydrocarbons, Fumes.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	May cause respiratory irritation, May cause drowsiness or dizziness.
Eye contact	Causes serious eye irritation.
Skin contact	Causes skin irritation.
Ingestion	May be fatal if swallowed and enters airways.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SOLVENT NAPHTHA 64742-94-5	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 590 mg/m ³ (Rat) 4 h
AROMATIC HYDROCARBON 64742-95-6	= 8400 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 3400 ppm (Rat) 4 h
OCTADECANOIC ACID 112-80-1	= 25 g/kg (Rat)	-	-
4-METHYL-2-PENTANOL 108-11-2	= 2600 mg/kg (Rat)	= 2880 mg/kg (Rabbit)	> 4600 ppm (Rat) 2 h
PSEUDOCUMENE 95-63-6	= 3280 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 18 g/m ³ (Rat) 4 h
2-BUTOXYETHANOL 111-76-2	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h
1,3,5-TRIMETHYLBENZENE 108-67-8	-	-	= 24 g/m ³ (Rat) 4 h
HYDROCARBON SOLVENT 64741-86-2	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 4.6 mg/L (Rat) 4 h
NAPHTHENIC OIL, SEVERELY HYDROTREATED 64742-52-5	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
XYLENE 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h
CUMENE 98-82-8	= 1400 mg/kg (Rat)	= 12300 µL/kg (Rabbit)	> 3577 ppm (Rat) 6 h
NAPHTHALENE 91-20-3	= 1110 mg/kg (Rat)	= 1120 mg/kg (Rabbit)	> 340 mg/m ³ (Rat) 1 h
ETHYLENE GLYCOL 107-21-1	= 4700 mg/kg (Rat)	= 10600 mg/kg (Rat)	-
BENZENE 71-43-2	= 810 mg/kg (Rat)	> 8200 mg/kg (Rabbit)	= 44.66 mg/L (Rat) 4 h
P-DICHLOROBENZENE 106-46-7	= 500 mg/kg (Rat)	> 6000 mg/kg (Rat)	> 5070 mg/m ³ (Rat) 4 h

Information on toxicological effects

Symptoms

Causes skin and serious eye irritation. Suspected of causing cancer. May cause drowsiness or dizziness. May cause respiratory irritation. May be fatal if swallowed and enters airways.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

Irritating to skin.

Eye damage/irritation

Irritating to eyes.

Sensitization

Not a known sensitizer.

Germ cell mutagenicity

Not a germ cell mutagen.

Carcinogenicity

The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
2-BUTOXYETHANOL 111-76-2	A3	Group 3	-	-
XYLENE 1330-20-7	-	Group 3	-	-
CUMENE 98-82-8	-	Group 2B	Reasonably Anticipated	X
NAPHTHALENE 91-20-3	A3	Group 2B	Reasonably Anticipated	X
BENZENE 71-43-2	A1	Group 1	Known	X
P-DICHLOROBENZENE 106-46-7	A3	Group 2B	Reasonably Anticipated	X

ACGIH: (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not Classifiable as to Carcinogenicity in Humans
NTP: (National Toxicity Program)
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
OSHA: (Occupational Safety & Health Administration)
X - Present

Reproductive toxicity	This product does not contain any known or suspected reproductive hazards.
Specific target organ systemic toxicity (single exposure)	May cause respiratory irritation. May cause drowsiness or dizziness.
Specific target organ systemic toxicity (repeated exposure)	None known.
Chronic toxicity	Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.
Target Organ Effects	Skin, Eyes, Respiratory System, and Central Nervous System.
Neurological effects	Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.
Aspiration hazard	May be fatal if swallowed and enters airways.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity	0.000034% of the mixture consists of ingredient(s) of unknown toxicity.
The following values are calculated based on chapter 3.1 of the GHS document .	
ATEmix (oral)	61141 mg/kg
ATEmix (dermal)	14121 mg/kg
ATEmix (inhalation-gas)	96971 mg/l
ATEmix (inhalation-dust/mist)	18.5 mg/l
ATEmix (inhalation-vapor)	1037.5 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

Very toxic to aquatic life with long lasting effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
SOLVENT NAPHTHA 64742-94-5	-	1740 mg/L LC50 Lepomis macrochirus 96h static 19 mg/L LC50 Pimephales promelas 96h static 2.34 mg/L LC50 Oncorhynchus mykiss 96h 41 mg/L LC50 Pimephales promelas 96h 45 mg/L LC50 Pimephales promelas 96h flow-through	-	0.95 mg/L EC50 Daphnia magna 48h
AROMATIC HYDROCARBON 64742-95-6	-	9.22 mg/L LC50 Oncorhynchus mykiss 96h	-	6.14 mg/L EC50 Daphnia magna 48h
OCTADECANOIC ACID 112-80-1	-	205 mg/L LC50 Pimephales promelas 96h static	-	-
4-METHYL-2-PENTANOL 108-11-2	-	92.4 mg/L LC50 Pimephales promelas 96h semi-static	-	-
PSEUDOCUMENE 95-63-6	-	7.19 - 8.28 mg/L LC50 Pimephales promelas 96h flow-through	-	6.14 mg/L EC50 Daphnia magna 48h
2-BUTOXYETHANOL 111-76-2	-	1490 mg/L LC50 Lepomis macrochirus 96h static 2950 mg/L LC50 Lepomis macrochirus 96h	-	1000 mg/L EC50 Daphnia magna 48h
1,3,5-TRIMETHYLBENZENE E 108-67-8	-	3.48 mg/L LC50 Pimephales promelas 96h	-	-

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HYDROCARBON SOLVENT 64741-86-2	-	35 mg/L LC50 Pimephales promelas 96h flow-through	-	-
NAPHTHENIC OIL, SEVERELY HYDROTREATED 64742-52-5	-	5000 mg/L LC50 Oncorhynchus mykiss 96h	-	1000 mg/L EC50 Daphnia magna 48h
NITROGEN GAS 7727-37-9	N/A	N/A	N/A	N/A
XYLENE 1330-20-7	-	13.1 - 16.5 mg/L LC50 Lepomis macrochirus 96h flow-through 13.5 - 17.3 mg/L LC50 Oncorhynchus mykiss 96h 2.661 - 4.093 mg/L LC50 Oncorhynchus mykiss 96h static 23.53 - 29.97 mg/L LC50 Pimephales promelas 96h static 30.26 - 40.75 mg/L LC50 Poecilia reticulata 96h static 7.711 - 9.591 mg/L LC50 Lepomis macrochirus 96h static 13.4 mg/L LC50 Pimephales promelas 96h flow-through 19 mg/L LC50 Lepomis macrochirus 96h 780 mg/L LC50 Cyprinus carpio 96h semi-static 780 mg/L LC50 Cyprinus carpio 96h	-	0.6 mg/L LC50 Gammarus lacustris 48h 3.82 mg/L EC50 water flea 48h
CUMENE 98-82-8	2.6 mg/L EC50 Pseudokirchneriella subcapitata 72h	6.04 - 6.61 mg/L LC50 Pimephales promelas 96h flow-through 2.7 mg/L LC50 Oncorhynchus mykiss 96h semi-static 4.8 mg/L LC50 Oncorhynchus mykiss 96h flow-through 5.1 mg/L LC50 Poecilia reticulata 96h semi-static	-	7.9 - 14.1 mg/L EC50 Daphnia magna 48h Static 0.6 mg/L EC50 Daphnia magna 48h
NAPHTHALENE 91-20-3	-	0.91 - 2.82 mg/L LC50 Oncorhynchus mykiss 96h static 5.74 - 6.44 mg/L LC50 Pimephales promelas 96h flow-through 1.6 mg/L LC50 Oncorhynchus mykiss 96h flow-through 1.99 mg/L LC50 Pimephales promelas 96h static 31.0265 mg/L LC50 Lepomis macrochirus 96h static	-	1.09 - 3.4 mg/L EC50 Daphnia magna 48h Static 1.96 mg/L EC50 Daphnia magna 48h Flow through 2.16 mg/L LC50 Daphnia magna 48h
ETHYLENE GLYCOL 107-21-1	6500 - 13000 mg/L EC50 Pseudokirchneriella subcapitata 96h	14 - 18 mL/L LC50 Oncorhynchus mykiss 96h static 40000 - 60000 mg/L LC50 Pimephales promelas 96h static 16000 mg/L LC50 Poecilia reticulata 96h static 27540 mg/L LC50 Lepomis macrochirus 96h static 40761 mg/L LC50 Oncorhynchus mykiss 96h static 41000 mg/L LC50 Oncorhynchus mykiss 96h	-	46300 mg/L EC50 Daphnia magna 48h
BENZENE 71-43-2	29 mg/L EC50 Pseudokirchneriella subcapitata 72h	10.7 - 14.7 mg/L LC50 Pimephales promelas 96h flow-through 22330 - 41160 µg/L LC50 Pimephales promelas 96h static 70000 - 142000 µg/L LC50 Lepomis macrochirus 96h static 22.49	-	8.76 - 15.6 mg/L EC50 Daphnia magna 48h Static 10 mg/L EC50 Daphnia magna 48h

		mg/L LC50 Lepomis macrochirus 96h static 28.6 mg/L LC50 Poecilia reticulata 96h static 5.3 mg/L LC50 Oncorhynchus mykiss 96h flow-through		
P-DICHLOROBENZENE 106-46-7	-	1.05 - 1.2 mg/L LC50 Oncorhynchus mykiss 96h flow-through 18 - 50 mg/L LC50 Pimephales promelas 96h static 3.9 - 4.8 mg/L LC50 Lepomis macrochirus 96h static 0.88 mg/L LC50 Oncorhynchus mykiss 96h static 4 mg/L LC50 Pimephales promelas 96h flow-through	-	-

Persistence and degradability

Bioaccumulation

Chemical Name	log Pow
SOLVENT NAPHTHA 64742-94-5	6.1
4-METHYL-2-PENTANOL 108-11-2	1.43
PSEUDOCUMENE 95-63-6	3.63
2-BUTOXYETHANOL 111-76-2	0.81
NITROGEN GAS 7727-37-9	N/A
XYLENE 1330-20-7	3.15
CUMENE 98-82-8	3.7
NAPHTHALENE 91-20-3	3.6
ETHYLENE GLYCOL 107-21-1	-1.93
BENZENE 71-43-2	2.1
P-DICHLOROBENZENE 106-46-7	3.4

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations. Dispose of in accordance with local regulations.

Contaminated packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Ground

LIMITED QUANTITY

IATA

UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD .QTY.

IMDG

UN1950, AEROSOLS, 2.1, LTD.QTY

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
SOLVENT NAPHTHA	X	X	X	Not listed	X	X	X	X
AROMATIC HYDROCARBON	X	X	X	Not listed	X	X	X	X
OCTADECANOIC ACID	X	X	X	X	X	X	X	X
4-METHYL-2-PENTAN OL	X	X	X	X	X	X	X	X
PSEUDOCUMENE	X	X	X	X	X	X	X	X
2-BUTOXYETHANOL	X	X	X	X	X	X	X	X
1,3,5-TRIMETHYLBE NZENE	X	X	X	X	X	X	X	X
HYDROCARBON SOLVENT	X	X	X	Not listed	X	X	X	X
NAPHTHENIC OIL, SEVERELY HYDROTREATED	X	X	X	Not listed	X	X	X	X
NITROGEN GAS	X	X	X	X	X	X	X	X
XYLENE	X	X	X	X	X	X	X	X
CUMENE	X	X	X	X	X	X	X	X
NAPHTHALENE	X	X	X	X	X	X	X	X
ETHYLENE GLYCOL	X	X	X	X	X	X	X	X
BENZENE	X	X	X	X	X	X	X	X
P-DICHLOROBENZE NE	X	X	X	X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

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CLEANER**

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Chemical Name	CAS-No	Weight %*	SARA 313 - Threshold Values %
PSEUDOCUMENE - 95-63-6	95-63-6	8.98343	1.0
2-BUTOXYETHANOL - 111-76-2	111-76-2	5.69221	1.0
XYLENE - 1330-20-7	1330-20-7	<1	1.0
CUMENE - 98-82-8	98-82-8	<1	0.1
NAPHTHALENE - 91-20-3	91-20-3	<1	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Star Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

Clean Water Act

This product does contain the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
XYLENE 1330-20-7	100 lb			X
NAPHTHALENE 91-20-3	100 lb	X	X	X
BENZENE 71-43-2	10 lb	X	X	X
P-DICHLOROBENZENE 106-46-7		X	X	X

CERCLA

This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
XYLENE 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
CUMENE 98-82-8	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
NAPHTHALENE 91-20-3	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
ETHYLENE GLYCOL 107-21-1	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
BENZENE 71-43-2	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ
P-DICHLOROBENZENE 106-46-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:



This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Chemical Name	California Prop. 65
CUMENE - 98-82-8	Carcinogen / <1%
NAPHTHALENE - 91-20-3	Cancer /<1%
ETHYLENE GLYCOL - 107-21-1	Developmental (ingested)/<0.1%
BENZENE - 71-43-2	Cancer Developmental (Male) / <0.1 %
P-DICHLOROBENZENE - 106-46-7	Carcinogen / <0.1%

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
DEIONIZED WATER 7732-18-5			X
OCTADECANOIC ACID 112-80-1			X
4-METHYL-2-PENTANOL 108-11-2	X	X	X
PSEUDOCUMENE 95-63-6	X	X	X
2-BUTOXYETHANOL 111-76-2	X	X	X
1,3,5-TRIMETHYLBENZENE 108-67-8		X	
NITROGEN GAS 7727-37-9	X	X	X
DIETHYLBENZENE 25340-17-4	X		
XYLENE 1330-20-7	X	X	X
CUMENE 98-82-8	X	X	X
AMMONIA 1336-21-6	X	X	X
NAPHTHALENE 91-20-3	X	X	X
ETHYLENE GLYCOL 107-21-1	X	X	X
PETROLEUM DISTILLATES 8052-41-3	X	X	X
BENZENE 71-43-2	X	X	X
ORTHODICHLOROBENZENE 95-50-1	X	X	X
P-DICHLOROBENZENE 106-46-7	X	X	X

EPA Pesticide Registration Number Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

16. OTHER INFORMATION

NFPA	Health Hazard 2	Flammability 2	Instability 0	Physical and chemical hazards -
HMIS	Health Hazard 2*	Flammability 2	Physical Hazard 1	Personal protection B

Chronic Hazard Star Legend

Chronic Health Star Hazard Repeated or prolonged exposure may cause central nervous system damage

Prepared By

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Revision Note

Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet