10/17/16

WORTHING

SAFETY DATA SHEET

1. Identification **Product identifier**

Propane

Master Mechanic

brobane/brobana

Bernz-D-Matic

Other means of identification

SDS number

WC002

Product code

UN1075

Recommended use

Portable fuel.

Recommended restrictions

None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier

Worthington Cylinder Corporation

Address

300 E. Breed St., Chilton, WI 5301 **United States**

Contact person

Ann Stiefvater

E-mail address

Ann.Stiefvater@worthingtonindustries.com

Telephone number

1-920-849-1740

Emergency telephone

1-703-527-3887 International / CHEMTREC 1-800-424-9300 Domestic

number

2. Hazard(s) identification

Physical hazards

Flammable gases

Category 1

Gases under pressure

Liquefied gas

Health hazards

Not classified.

OSHA defined hazards

Not classified.

Label elements



Signal word

Danger

Hazard statement

Extremely flammable gas. Contains gas under pressure; may explode if heated.

Precautionary statement

Prevention

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Response

Leaking gas fire: Do not extinguish, unless leak can be stopped safely. Eliminate all ignition

sources if safe to do so.

Storage

Protect from sunlight. Store in a well-ventilated place.

Disposal

Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise

classified (HNOC)

May displace oxygen and cause rapid suffocation.

3. Composition/information on ingredients

Mixtures

Chemical name					CAS number	%
Propane					74-98-6	87.5-100
Ethane		William .			74-84-0	0-7
Propylene				 7-1-	115-07-1	0-5
Butane	4.		· ·		106-97-8	0-2.5

Ethyl Mercaptan

75-08-1

< 0.005

Composition comments

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. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician or poison control center immediately.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation develops and persists. If frostbite occurs, immerse involved area in warm water (between 100 F/38 C and 110 F/43 C, not exceeding 112 F/44 C). Keep immersed for 20 to 40 minutes. Seek medical assistance.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Ingestion

delayed

Ingestion is not a typical route of exposure for gases or liquefied gases.

Most important symptoms/effects, acute and

Exposure to rapidly expanding gas or vaporizing liquid may cause frostbite ("cold burn"). Very high exposure can cause suffocation from lack of oxygen. May cause drowsiness or dizziness.

Indication of immediate medical attention and special treatment needed

Exposure may aggravate pre-existing respiratory disorders. Treat symptomatically.

General information

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

Dry chemical, CO2, water spray, fog, or foam.

None known.

media Specific hazards arising from the chemical

Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting equipment/instructions Move container from fire area if it can be done without risk.

Do not extinguish fires unless gas flow can be stopped safely; explosive re-ignition may occur. Promptly isolate the scene by removing all persons from the vicinity of the incident. No action shall be taken involving any personal risk or without suitable training. For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. Stop flow of material. Use water to keep fire exposed containers cool and to protect personnel effecting shutoff. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect personnel attempting to stop leak. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply.

General fire hazards

Extremely flammable gas.

6. Accidental release measures

Personal precautions. protective equipment and emergency procedures

Evacuate the area promptly. No action shall be taken involving any personal risk or without suitable training. Keep unnecessary personnel away.

Ensure adequate ventilation. In case of inadequate ventilation, use respiratory protection. Wear appropriate personal protective equipment (See Section 8).

Methods and materials for containment and cleaning up Ventilate well, stop flow of gas or liquid if possible. Immediately contact emergency personnel.

Environmental precautions

Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent from entering into soil, ditches, sanitary sewers, waterways and/or groundwater.

7. Handling and storage

Precautions for safe handling

Eliminate all sources of ignition. Wear appropriate personal protective equipment (See Section 8). Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Do not breathe gas. Do not get in eyes, on skin, on clothing. Use only with adequate ventilation.

Propane

SDS US

Conditions for safe storage, including any incompatibilities Store in accordance with local, regional, national, and international regulations. Secure cylinders in an upright position at all times, close all valves when not in use. Store in a cool, dry, well-ventilated place. Keep container tightly closed and sealed until ready for use. Protect cylinders from damage.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Туре	Value	
Propane (CAS 74-98-6)	PEL	1800 mg/m3	
		1000 ppm	
Additives	Туре	Value	
Ethyl Mercaptan (CAS 75-08-1)	Ceiling	25 mg/m3	
		10 ppm	

US. ACGIH Threshold Limit Values

Components	Туре	Value	
Butane (CAS 106-97-8)	STEL	1000 ppm	
Propylene (CAS 115-07-1)	TWA	500 ppm	
Additives	Туре	Value	
Ethyl Mercaptan (CAS	TWA	0.5 ppm	
75-08-1)			

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Туре	Value	
Butane (CAS 106-97-8)	TWA	1900 mg/m3	
		800 ppm	
Propane (CAS 74-98-6)	TWA	1800 mg/m3	
		1000 ppm	
Additives	Type	Value	
Ethyl Mercaptan (CAS 75-08-1)	Ceiling	1.3 mg/m3	
		0.5 ppm	

Biological limit values

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

Appropriate engineering

controls

Provide adequate ventilation and minimize the risk of inhalation of gas. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear approved safety glasses or goggles.

Skin protection

Hand protection

Wear appropriate chemical resistant gloves.

Other

Wear protective clothing appropriate for the risk of exposure.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not

been established), an approved respirator must be worn.

Thermal hazards

Contact with liquefied gas might cause frostbites, in some cases with tissue damage. Wear

appropriate thermal protective clothing, when necessary.

General hygiene considerations

Do not eat, drink or smoke when using the product. Wash thoroughly after handling. Provide eyewash station and safety shower. Handle in accordance with good industrial hygiene and safety

practices.

9. Physical and chemical properties

Appearance

Colorless gas.

Physical state

Gas.

Form

Compressed liquefied gas.

Color

Colorless.

Odor

Rotten egg.

Propane

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919503

Version #: 02 Revision date: 11-September-2014 Issue date: 05-May-2014

Odor threshold

Not available. Not applicable.

Melting point/freezing point

-306.4 °F (-188 °C)

Initial boiling point and boiling

-43.6 °F (-42 °C) 14.7 psia

range

pΗ

Flash point

-155.2 °F (-104.0 °C)

Evaporation rate

Not applicable.

Flammability (solid, gas)

Extremely flammable gas.

Upper/lower flammability or explosive limits

Explosive limit - lower (%)

2.15 %

Explosive limit - upper (%)

9.6 %

Vapor pressure

127 psig (21°C / 70°F)

Vapor density

Not available.

Relative density

0.504 (liquid)

1.5 (vapor) (air=1) @ 15°C / 60°F

Solubility(ies)

Solubility (water)

Slightly soluble in water.

Partition coefficient

(n-octanol/water)

1.77

Auto-ignition temperature

809.6 °F (432 °C)

Decomposition temperature

Not available.

Viscosity

Not applicable.

Other information

Molecular weight

45 g/mol

Percent volatile

100 %

10. Stability and reactivity

Reactivity

Reacts violently with strong oxidants, nitrites, inorganic chlorides, chlorites and perchlorates

causing fire and explosion hazard.

Chemical stability

Stable under normal temperature conditions and recommended use.

Possibility of hazardous

reactions

Polymerization will not occur.

Conditions to avoid

Heat, flames and sparks. Strong oxidizing agents. Strong acids. Halogens.

Incompatible materials Hazardous decomposition

products

Carbon oxides. Hydrocarbons.

11. Toxicological information

Information on likely routes of exposure

Ingestion

Not likely, due to the form of the product.

Inhalation

High concentrations: Suffocation (asphyxiant) hazard - if allowed to accumulate to concentrations that reduce oxygen below safe breathing levels. Breathing of high concentrations may cause dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation

may result in unconsciousness.

Skin contact Eye contact

Contact with liquefied gas may cause frostbite. Contact with liquefied gas may cause frostbite.

Symptoms related to the physical, chemical and toxicological characteristics Exposure to rapidly expanding gas or vaporizing liquid may cause frostbite ("cold burn"). Very high exposure can cause suffocation from lack of oxygen. May cause drowsiness or dizziness.

Information on toxicological effects

Acute toxicity

High concentration: Suffocation (asphyxiant) hazard - if allowed to accumulate to concentrations that reduce oxygen below safe breathing levels.

Propane

SDS US

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	Species		Test Results
Butane (CAS 106-97-8)			
Acute			
Inhalation			
LC50	Mouse		680 mg/l, 2 Hours
	Rat		658 mg/l, 4 Hours
Propane (CAS 74-98-6)			
Acute			
Inhalation			
LC50	Rat		> 1442 mg/l, 15 Minutes
Propylene (CAS 115-07-1)			
Acute			
Inhalation			
LC50	Mouse		680 mg/l, 2 Hours
	Rat		658 mg/l, 4 Hours
Additives	Species		Test Results
Ethyl Mercaptan (CAS 75-08-1)			
Acute			
Dermal			
LD50	Rat		> 2000 mg/kg
Inhalation			
LC50	Mouse		4420 mg/l, 4 Hours
Oral			
LD50	Rat		682 mg/kg
irritation			
Respiratory or skin sensitization			
Respiratory or skin sensitization Respiratory sensitization	n Not classified.		
Respiratory or skin sensitization Respiratory sensitization Skin sensitization			
Respiratory or skin sensitization Respiratory sensitization	Not classified.		
Respiratory or skin sensitization Respiratory sensitization Skin sensitization	Not classified. Not classified.		
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity	Not classified. Not classified. Not classified. Not classified.	icity	
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity	Not classified. Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen	-	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I	Not classified. Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen	-	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-7 Reproductive toxicity Specific target organ toxicity -	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen	-	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-4 Reproductive toxicity Specific target organ toxicity - single exposure	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified.	-	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-4 Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity -	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen Not classified.	-	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-4 Reproductive toxicity Specific target organ toxicity - single exposure	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified.	-	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-7 Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified. Not classified. Not classified. Not classified.	-	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-4 Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard 12. Ecological information	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified. Not classified. Not classified. Not classified.	3 Not classifiable a	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-2) Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard 12. Ecological information Ecotoxicity	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified. Not classified. Not classified. Not classified. Not classified.	3 Not classifiable at	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-7 Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard 12. Ecological information Ecotoxicity Persistence and degradability	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified. Not classified. Not classified. Not classified. Not classified.	3 Not classifiable as full to aquatic organisms.	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-2 Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential Partition coefficient n-octan	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified. Not classified. Not classified. Not classified. Not classified. The product is readily bid. The product is not expected.	3 Not classifiable and a second secon	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-7 Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified. Not classified. Not classified. Not classified. Not classified. The product is readily bid. The product is not expected.	3 Not classifiable as full to aquatic organisms.	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-2 Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential Partition coefficient n-octan Propane (CAS Mixture) Butane (CAS 106-97-8) Propane (CAS 74-98-6)	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified. Not classified. Not classified. Not classified. Not classified. The product is readily bid. The product is not expected.	3 Not classifiable and ful to aquatic organisms. Indegradable. ted to bioaccumulate. 1.77 2.89 2.36	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-7 Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential Partition coefficient n-octan Propane (CAS Mixture) Butane (CAS 106-97-8) Propane (CAS 74-98-6) Propylene (CAS 115-07-1)	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified. Not classified. Not classified. Not classified. The product is readily bid the product is not expected to water (log Kow)	3 Not classifiable at ful to aquatic organisms. degradable. ted to bioaccumulate. 1.77 2.89	s to carcinogenicity to humans.
Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall I Propylene (CAS 115-07-2 Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard 12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential Partition coefficient n-octan Propane (CAS Mixture) Butane (CAS 106-97-8) Propane (CAS 74-98-6)	Not classified. Not classified. Not classified. Not classified. Evaluation of Carcinogen 1) Not classified. Not classified. Not classified. Not classified. Not classified. Not classified. The product is readily bid. The product is not expected.	3 Not classifiable and ful to aquatic organisms. Indegradable. ted to bioaccumulate. 1.77 2.89 2.36	s to carcinogenicity to humans.

None known.

13. Disposal considerations

Disposal instructions

Use the container until empty. Do not dispose of any non-empty container. Empty containers have residual vapor that is flammable and explosive. Cylinders should be emptied and returned to a hazardous waste collection point. Do not puncture or incinerate even when empty. Dispose in accordance with all applicable regulations.

Hazardous waste code

D001: Waste Flammable material with a flash point <140 °F

Waste from residues / unused

products

Dispose in accordance with all applicable regulations.

Contaminated packaging

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

14. Transport information

DOT

UN number

UN1075

UN proper shipping name Transport hazard class(es) Propane

Class

2.1

Subsidiary risk

Packing group

Not applicable.

Environmental hazards

Marine pollutant

No

Special precautions for user

Read safety instructions, SDS and emergency procedures before handling.

Special provisions

19, T50

Packaging exceptions

306 304

Packaging non bulk Packaging bulk

314, 315

IATA

UN number

UN1075

UN proper shipping name

Propane

Transport hazard class(es)

Class

2.1

Subsidiary risk

Label(s)

2.1

Packing group

Not applicable.

Environmental hazards

No

ERG Code

10L

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

IMDG

UN number

UN1075

UN proper shipping name

PROPANE

Transport hazard class(es)

Class Subsidiary risk 2.1

Label(s)

2.1

Packing group

Not applicable.

Environmental hazards

Marine pollutant

No

EmS

the IBC Code

F-D, S-U

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

Transport in bulk according to Annex II of MARPOL 73/78 and This product is a compressed or liquefied gas and when transported in bulk is covered under IGC

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication

Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

Propane

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TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

CERCLA Hazardous Substance List (40 CFR 302.4)

Butane (CAS 106-97-8) LISTED Ethyl Mercaptan (CAS 75-08-1) LISTED Propane (CAS 74-98-6) LISTED Propylene (CAS 115-07-1) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - No Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous

Yes

chemical

SARA 313 (TRI reporting)

_	Chemical name	CAS number	% by wt.	
	Propylene	115-07-1	0-5	

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Butane (CAS 106-97-8) Ethyl Mercaptan (CAS 75-08-1) Propane (CAS 74-98-6) Propylene (CAS 115-07-1)

Clean Water Act (CWA)

Hazardous substance

Section 112(r) (40 CFR

68.130)

Safe Drinking Water Act

Not regulated.

(SDWA)

US state regulations

US. Massachusetts RTK - Substance List

Butane (CAS 106-97-8) Ethyl Mercaptan (CAS 75-08-1) Propane (CAS 74-98-6) Propylene (CAS 115-07-1)

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

Butane (CAS 106-97-8) Ethyl Mercaptan (CAS 75-08-1) Propane (CAS 74-98-6) Propylene (CAS 115-07-1)

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

Butane (CAS 106-97-8) Ethyl Mercaptan (CAS 75-08-1) Propane (CAS 74-98-6) Propylene (CAS 115-07-1)

US. Rhode Island RTK

Butane (CAS 106-97-8) Ethyl Mercaptan (CAS 75-08-1) Propane (CAS 74-98-6) Propylene (CAS 115-07-1)

US. California Proposition 65

Propane

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

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)		Yes
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)		Yes
Korea	Existing Chemicals List (ECL)		Yes
New Zealand	New Zealand Inventory		Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)		Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	•	Yes

^{*}A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date

05-May-2014

Revision date

11-September-2014

Version#

02

NFPA Ratings



Disclaimer

All information in this Material Safety Data Sheet is believed to be accurate and reliable. However, no guarantee or warranty of any kind is made with regard to the accuracy of information or the suitability of the recommendations contained herein. It is the user's responsibility to assess the safety and toxicity of this product under their own conditions of use and to comply with all applicable laws and regulations.

Propane

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).