

SAFETY DATA SHEET


DuPont™ Teflon® Pure Silicone Lubricant - Aerosol

Version 2.1

Revision Date 06.06.2008

Ref. 130000027430

This SDS adheres to the standards and regulatory requirements of Australia and may not meet the regulatory requirements in other countries.

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

Trade name : DuPont™ Teflon® Pure Silicone Lubricant - Aerosol
 Use of the :
 Substance/Preparation :
 Company : Du Pont (Australia) Ltd
 7 Eden Park Drive
 Macquarie Park NSW 2113
 Australia

Telephone : (02) 9923 6111
 Telefax : (02) 9923 6011
 Emergency telephone : (02) 9923 6275 (Transport Emergency)
 (24 hr Emergency Medical Information: 1800 674 415)

2. COMPOSITION/INFORMATION ON INGREDIENTS
Components

Chemical Name	CAS-No.	Concentration
Naphtha (petroleum), hydrotreated light	64742-49-0	15 - 25%
Distillates (petroleum), hydrtreated light	64742-47-8	25 - 35%
Propane	74-98-6	10 - 20%
Butane	106-97-8	10 - 20%
Dimethyl Silicone	63148-62-9	8 - 10%
DuPont "Teflon" Polytetrafluoroethylene	9002-84-0	1 - 2%

3. HAZARDS IDENTIFICATION
Hazardous classification

Classified as dangerous goods according to the ADG Code
 Classified as hazardous according to criteria of NOHSC.

Risks

Highly flammable.
 Harmful: may cause lung damage if swallowed.

Safety data

Keep container in a well-ventilated place.
 Keep away from sources of ignition - No smoking.
 Take precautionary measures against static discharges.
 In case of fire, use sand, dry chemical or alcohol-resistant foam.
 This material and its container must be disposed of as hazardous waste.
 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.


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4. FIRST AID MEASURES

- Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.
- Skin contact : In case of contact, immediately flush skin with soap and plenty of water. Wash contaminated clothing before reuse.
- Eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician immediately.
- Ingestion : Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

Notes to physician

- Risks : Risk of product entering the lungs on vomiting after ingestion.
- Treatment : Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. Note: To prepare activated charcoal slurry, mix thoroughly 50 g of activated charcoal in 400 ml (about 2 cups) water.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Avoid contact with skin, eyes and clothing. Remove all sources of ignition. Ensure adequate ventilation. Use personal protective equipment.
- Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE
Handling

- Advice on safe handling : Avoid inhalation of vapour or mist. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

Storage

- Requirements for storage areas and containers : Keep in a well-ventilated place. Keep away from direct sunlight. Keep away from sources of ignition - No smoking.


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8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Components with workplace control parameters

Components	Values	Control parameters	Basis
Butane	TWA	(800 ppm)	ACGIH (2003)
	TWA	(1,000 ppm)	ACGIH (2004)
	TWA	1,900 mg/m ³ (800 ppm)	AU OEL (2004)
Heptane	TWA	(400 ppm)	ACGIH (2004)
	STEL	(500 ppm)	ACGIH (2004)
	TWA	1,640 mg/m ³ (400 ppm)	AU OEL (2004)
	STEL	2,050 mg/m ³ (500 ppm)	AU OEL (2004)
Methylcyclohexane	TWA	1,610 mg/m ³ (400 ppm)	AU OEL (2004)
	TWA	(400 ppm)	ACGIH (2004)

Engineering measures

Ensure adequate ventilation.

Personal protective equipment

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.

Hand protection : Material: Impervious gloves

Eye protection : Safety glasses, Tightly fitting safety goggles

Skin and body protection : impervious clothing, Long sleeved clothing, Apron

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid
Colour	: white
Odour	: mild , hydrocarbon-like
Boiling point/boiling range	: 92 - 100 °C


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Flash point	: -18 °C
Vapour pressure	: 53 hPa at 20 °C
Density	: 0.6545 g/cm ³
Water solubility	: insoluble
Relative vapour density	: 3.5

10. STABILITY AND REACTIVITY

Hazardous decomposition products	: No decomposition if stored and applied as directed.
Hazardous reactions	: None reasonably foreseeable. Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

- Naphtha (petroleum), hydrotreated light : LD50/rat : 5,170 mg/kg
Information given is based on data obtained from similar substances.
Central nervous system effects
- Distillates (petroleum), hydrotreated light : LD50/rat : > 10,000 mg/kg
- Dimethyl Silicone : LD50/rat : > 30,000 mg/kg

Acute inhalation toxicity

- Butane : LC50/4 h/rat : 658 mg/l
Central nervous system depression
Decreased heart rate
changes in blood pressure

Acute dermal toxicity

- Naphtha (petroleum), hydrotreated light : LD50/rabbit : > 2,000 mg/kg
Information given is based on data obtained from similar substances.

Skin irritation

- Naphtha (petroleum), hydrotreated light : rabbit
Mild skin irritation Information given is based on data obtained from similar substances.
- Dimethyl Silicone : non-irritant

Eye irritation

- Dimethyl Silicone : irritant

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Sensitisation

- Butane : There are no reports of human skin sensitization.

Repeated dose toxicity

- Naphtha (petroleum), hydrotreated light : Inhalation
Adverse body weight effects Nasal or ocular discharge muscle twitching
Lethargy Information given is based on data obtained from similar substances.

- Butane : Inhalation
Reduced respiratory rate narcosis

Human experience

- : Excessive exposures may affect human health, as follows:

Inhalation: *Upper respiratory tract*: Irritation, Weakness, Headache, Unconsciousness, Drowsiness, Nausea, Fatality

Central nervous system: Fatality

Skin contact: *Skin*: Irritation, Itching, Redness, Rash, Swelling of tissue, Frostbite, Burn

Eye contact: *Eyes*: Blurred vision, Discomfort, Irritation

Ingestion: *Lungs*: Fever, Drowsiness, Shortness of breath

12. ECOLOGICAL INFORMATION

Toxicity to fish

- Butane : LC50/96 h/Fish (unspecified species): > 1,000 mg/l

Further information on ecology

- Additional ecological information : No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

- Product : In accordance with local and national regulations.

14. TRANSPORT INFORMATION**ADG**

- UN-Number : 1950
Proper shipping name : Aerosols, flammable
Class : 2.1

IMDG

- UN-Number : 1950

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Significant change from previous version is denoted with a double bar.

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