



DuPont "Teflon" White Lithium Grease - Aerosol

Version 2.0

Revision Date 21.09.2005

Ref. 130000027427

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" White Lithium Grease - Aerosol
 Use of the :
 Substance/Preparation :
 Company : Du Pont (Australia) Ltd
 168 Walker Street
 North Sydney NSW 2060
 Australia

Telephone : (02) 9923 6111
 Telefax : (02) 9923 6011
 Emergency telephone : (02) 9963 1301 (Transport Emergency)
 number : (24 hr Medical Emergency Hotline: 1800 674 415)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components

Chemical Name	CAS-No.	Concentration
Naphtha (petroleum), hydrotreated light	64742-49-0	20 - 30%
Distillates (petroleum), hydrogen treated light; Kerosine - unspecified	64742-47-8	23 - 35%
Propane	74-98-6	5 - 10%
Butane	106-97-8	5 - 10%
Zinc oxide	1314-13-2	1 %
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 to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 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/or 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 : Wash off immediately 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. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.
- Methods for cleaning up : Contain and collect spillage 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. Keep away from fire, sparks and heated surfaces.

Storage

- Requirements for storage areas and containers : Keep in a well-ventilated place. Keep away from direct sunlight.


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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/m3 (800 ppm)	AU OEL (2003)
Zinc oxide (Respirable fraction.)	TWA	2 mg/m3	ACGIH (2004)
Zinc oxide (Respirable fraction.)	STEL	10 mg/m3	ACGIH (2004)
Zinc oxide (Fume.)	TWA	5 mg/m3	AU OEL (2003)
Zinc oxide (Inspirable dust.)	TWA	10 mg/m3	AU OEL (2003)
Zinc oxide (Fume.)	STEL	10 mg/m3	AU OEL (2003)
Heptane	TWA	(400 ppm)	ACGIH (2004)
	STEL	(500 ppm)	ACGIH (2004)
	TWA	1,640 mg/m3 (400 ppm)	AU OEL (2003)
	STEL	2,050 mg/m3 (500 ppm)	AU OEL (2003)
Methylcyclohexane	TWA	1,610 mg/m3 (400 ppm)	AU OEL (2003)
	TWA	(400 ppm)	ACGIH (2004)

Engineering measures

Ensure adequate ventilation.

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection : Material: impervious gloves

Eye protection : safety glasses tightly fitting safety goggles

Skin and body protection : apron long sleeved clothing

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: viscous liquid
Colour	: white
Odour	: hydrocarbon-like , mild
Melting point	: 260 °C
Freezing point	: -18 °C
Boiling point/range	: 260 °C
Flash point	: -18 °C
Vapour pressure	: 53 hPa at 20 °C
Density	: 0.7064 g/cm ³
Water solubility	: insoluble
Relative vapour density	: 3.5

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Human experience	: Excessive exposures may affect human health, as follows: Inhalation: <i>Upper respiratory tract</i> : dizziness, unconsciousness, fever, nausea, headache, weakness, irritation, polymer fume fever, fatality <i>Central nervous system</i> : dizziness, fatality, lack of coordination, unconsciousness, severe shortness of breath, palpitation, Symptoms may be delayed. <i>Lungs</i> : irritation, polymer fume fever Skin contact: <i>Skin</i> : irritation, itching, burn, redness, swelling of tissue, rash, frostbite Eye contact: <i>Eyes</i> : blurred vision, pain, irritation, discomfort Ingestion: <i>Lungs</i> : shortness of breath, fever, Symptoms may be delayed.
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12. ECOLOGICAL INFORMATION
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

Proper shipping name : AEROSOLS
Class : 2.1

IMDG

UN-No : 1950
Proper shipping name : AEROSOLS
Class : 2.1
Labelling No. : 2.1
Marine pollutant : no

Further Information : Classified as dangerous goods according to the ADG Code

15. REGULATORY INFORMATION
Labelling

Symbol(s)	: F Xn	Highly flammable Harmful
R-phrase(s)	: R11 R52/53 R65	Highly flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.
S-phrase(s)	: S 9 S16 S33 S43 S60 S62	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/or 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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Further information : Classified as hazardous according to criteria of NOHSC.

National regulatory information:

SUSDP : Schedule 5

16. OTHER INFORMATION**Sources of key data used to compile the datasheet:**

1. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]
2. Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
3. List of Designated Hazardous Substances [NOHSC:10005(1999)]
4. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]
5. Australian Dangerous Goods Code, No. 6 [National Road Transport Commission]
6. Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP), No. 19 [NDPSC: 2004]
7. National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012(1994)]

Department:

Du Pont (Australia) Ltd
168 Walker Street
North Sydney NSW 2060
Australia

Further information:

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.