

# **SAFETY DATA SHEET**

## **Silicone Lubricant**

<p>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING.</p>
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PRODUCT NAME: Silicone Lubricant

SUPPLIER: Aerosol and Fluid Technology Limited  
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**2. HAZARDS IDENTIFICATION**

Extremely Flammable. Vapours may cause drowsiness and dizziness. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material – **NO SMOKING.**

**3. COMPOSITION/INFORMATION ON INGREDIENTS.**

NAME	EC NO.	CAS-NO.	CONTENT	CLASSIFICATION
Butane	203-448-7	106-97-8	30-60%	F+;R12
Polydimethylsiloxane		63148-62-9	5-10%	Not Classified
Naptha	265-151-9	64742-49-0	10-20%	Xn;R65. Xi;R38. F;R11. n;R51/53. R67
Propane	200-827-9	74-98-6	30-60%	F+;R12

THE FULL TEXT FOR ALL R-PHRASES ARE DISPLAYED IN SECTION 16.

**4. FIRST-AID MEASURES.****GENERAL INFORMATION**

Remove the exposed person to fresh air at once. Get medical attention if discomfort continues.

**INHALATION**

When breathing is difficult, properly trained personnel may assist affected person by administering Oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

**INGESTION**

DO NOT induce vomiting. Rinse mouth thoroughly and get medical attention immediately.

**SKIN CONTACT**

Promptly wash contaminated skin with soap or mild detergent and water. Get medical attention if irritation persists after washing.

## EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water whilst lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if discomfort continues.

## 5. FIRE-FIGHTING MEASURES.

### EXTINGUISHING MEDIA

Use: Powder, dry chemicals, sand, dolomite etc. water spray, fog or mist.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

### SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

## 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Avoid skin and eye contact. Ensure adequate ventilation. Wear personal protective equipment. Wear self-contained breathing apparatus.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces due to explosion risk. If leakage can not be stopped, evacuate the area.

## 7. HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling and skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination exceeds the accepted level.

## STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

NAME	STD	TWA – 8HRS		STEL – 15 MIN		NOTES
Butane	WEL	660ppm	1450 mg/m <sup>3</sup>	750ppm	1810 mg/m <sup>3</sup>	
Polydimethylsiloxane	OES	100ppm	1200 mg/m <sup>3</sup>	125ppm		
Naptha			1200 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limits

## INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

## PROTECTIVE EQUIPMENT:



## ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

## RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Wear mask with: Gas cartridge suitable for organic substances.

## HAND PROTECTION

Use protective gloves.

## EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

## OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

## HYGIENE MEASURES

DO NOT SMOKE IN THE WORK AREA! Wash skin promptly if becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Aerosol

COLOUR: Clear

ODOUR: Characteristic

PHYSICAL DATA COMMENTS: Can pressure 70psi

SOLUBILITY: Slightly soluble

BOILING POINT (°C): 4                      RELATIVE DENSITY: 0.734

FLASH POINT (°C): - 40

## 10. STABILITY AND REACTIVITY

### STABILITY

Avoid: Heat, Sparks, Flames. Stable under normal temperature conditions.

### MATERIALS TO AVOID

Strong alkalis. Strong acids. Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon Monoxide (CO), Carbon Dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### INHALATION

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

### INGESTION

May cause discomfort if swallowed. May cause stomach pain or vomiting.

### SKIN CONTACT

Prolonged contact may cause dryness of the skin. May cause sensitisation by skin contact.

### EYE CONTACT

Irritating to eyes. May cause chemical eye burns.

## 12. ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous to the environment. However, contamination of the aquatic or terrestrial environments should be avoided.

## 13. DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Empty containers must not be burned due to explosion hazards. Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION



UK ROAD CLASS: 2

PROPER SHIPPING NAME: AEROSOLS

UN NO. ROAD: 1950

ADR CLASS NO : 2

ADR PACK GROUP : N/A

CEPIC TEC(R) NO.: 20G5T, 20G5TF, 20G5TC, 205TO, 20G5TFC,  
20G5TOC

RID PACK GROUP: N/A

IMDG CLASS: 2.1

IMDG PACK GR.: N/A

MFAG: SEE GUIDE

AIR CLASS: 2.1

AIR PACK GR.: N/A

UK ROAD PACK GR: N/A

ADR CLASS: CLASS 2: GASES

ADR LABEL NO.: 2.1 & 6.1

RID CLASS NO.: 2

UN NO. SEA: 1950

IMDG PAGE NO.: 2.1

EMS: F-D, S-U

UN NO. AIR: 1950

15. REGULATORY INFORMATION
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## LABELLING



## RISK PHRASES

R12 Extremely Flammable

R51/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67 Vapours may cause drowsiness and dizziness

## SAFETY PHRASES

S2 Keep out of reach of children

S16 Keep away from sources of ignition – NO smoking

S23 Do not breathe vapour/spray

S51 Use only in well-ventilated areas

S60 This material and it's container must be disposed of as hazard waste.

## STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.  
APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

## GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

16. OTHER INFORMATION
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**GENERAL INFORMATION**

This product should be used as directed by AFT Ltd. For further information consult the product data sheet or contact Technical Services.

**INFORMATION SOURCES**

This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

**REVISION COMMENTS**

This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Aerosol and Fluid Technology Ltd.

**RISK PHRASES IN FULL**

R12 Extremely Flammable

R11 Highly Flammable

R38 Irritating to skin

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R65 Harmful: May cause lung damage if swallowed

R67 Vapours may cause drowsiness and dizziness

**ISSUE:** H/1

**REVISION DATE:** SEPTEMBER 2011

**REVIEW DATE:** SEPTEMBER 2013

This advice is given by Aerosol & Fluid Technology Limited who accepts no legal liability for it. The information herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore, be construed as guaranteeing specific properties.