

SAFETY DATA SHEET

SILICONE LUBRICANT SPRAY

1. IDENTIFICATION OF THE SUBSTANCE PREPARATION AND THE COMPANY:

PRODUCT NAME: Silicone Lubricant Spray 400ml
APPLICATIONS: Lubricator
PRODUCT CODE: PH040, PHCB040
SUPPLIER: Arctic Products Ltd, Baird Road, Corby, Northants, NN17 5ZA
 Tel: 01536 264000 Fax: 01536 264900

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EINECS Nr:	CLASSIFICATION	CONTENT
CAS No:			
ISOBUTANE			
75-28-5	200-857-2	F + R-12	5-10%
BUTANE			
106-97-8	203-448-7	F + R-12	10-30%
PROPANE			
74-98-6	200-827-9	F + R-12	10-30%
NAPHTHA (PETROLEUM), HYDRATED LIGHT			
64742-49-0	265-151-9	Xi ,F, N R-11, 38, 51/53, 65, 67	

The full text for all R-Phrases are displayed in section 16

3. HAZARDS IDENTIFICATION

Extremely flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
SKIN: Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
INHALATION: Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm, and at rest. Get prompt medical attention.
INGESTION: Do not induce vomiting. Remove material from mouth. Drink 1 or 2 glasses of water (or milk) and obtain medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

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.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Aerosol cans may explode in fires.

6. ACCIDENTAL RELEASE MEASURES

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

7. HANDLING AND STORAGE

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

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT COMMENTS: OES=Occupational Exposure Standard. MEL=Maximum Exposure Limit.

VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORY PROTECTION: No specific recommendations made.

HAND PROTECTION: Use protective gloves.

EYE PROTECTION: Use approved safety goggles or face shield.

SKIN PROTECTION: Wear suitable overalls, wash off splashes immediately.

GENERAL: No eating, drinking or smoking in the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Aerosol colourless

ODOUR: Characteristic.

VISCOSITY: 20-3000Cp at 20°C

SOLUBILITY: Insoluble in water.

FLAMMABILITY LIMIT-LOWER: 0.8

FLAMMABILITY LIMIT-UPPER: 9.0

10. STABILITY AND REACTIVITY

STABILITY: Stable.

HAZARDOUS DECOMPOSITION PRODUCTS:

Fire creates: Vapours/gases/fumes of: Carbon Monoxide (CO). Carbon Dioxide (CO₂).

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition. Avoid contact with: strong oxidising agents. Strong alkalis. Strong mineral acids.

11. TOXICOLOGICAL INFORMATION

GENERAL:	The primary hazard of sodium silicate by all routes of entry into the body is its alkalinity.
INGESTION:	May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.
INHALATION:	May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches. Prolonged inhalation of high concentrations may damage respiratory system. Irritating to respiratory system.
SKIN CONTACT:	Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause allergic contact eczema. May cause sensitisation by skin contact. Irritating to skin.
EYE CONTACT:	Irritating to eyes. May cause chemical eye burns.

12. ECOLOGICAL INFORMATION

Dangerous for the environment if discharged into watercourses.

13. DISPOSAL CONSIDERATIONS

Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION

UN No:	1950
UK ROAD TRANSPORT CLASS:	2.1
UK ROAD PACK GR:	Not applicable.
ADR CLASS No:	2
ADR CLASS:	Class 2: Gases; Compressed, liquefied or dissolved under pressure.
ADR PARK GR:	Not applicable.
ADR LABEL No:	2.1
CEFIC TEC(R) No:	20G53
PROPER SHIPPING NAME:	Aerosols
RID CLASS No:	2
RID PACK GR:	Not applicable.
UN NO SEA:	1950
IMDG CLASS:	2.1
IMDG PACK GR:	Not applicable.
EMS NO:	2-13
MFAG TABLE NO:	See guide
MARINE POLLUTANT:	No
UN NO, AIR:	1950
ICAO CLASS:	2.1
AIR PACK GR:	Not applicable.

15. REGULATORY INFORMATION

RISK PHRASES:	R-12 extremely flammable. R-38 Irritating to skin. R51/53 Toxic to aquatic organisms may cause long term adverse effects in the aquatic environment.
SAFETY PHRASES:	R-67 Vapours may cause drowsiness and dizziness. S-16 Keep away from sources of ignition- No smoking. S-2 Keep out of reach of children. S-23C Do not breathe vapour/ spray. S-24 Avoid contact with skin. S-51 Use only in well- ventilated areas. S-60 This material and its container must be disposed of as hazardous waste. S-61 Avoid release to the environment. Refer to special instructions/ Safety Data sheets.
UK REGULATORY REF:	The chemicals (Hazard Information and Packaging for supply) Regulations 2002. The Control of Substances Hazardous to Health Regulations 2002.
STATUTORY INSTRUMENTS:	The Control of Substances Hazardous to Health Regulations 2002. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.
APPROVED CODE OF PRACTISE:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
GUIDANCE NOTES:	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS (G) 37. CHIP for everyone HSG (108).

16. OTHER INFORMATION

PRINTING DATE:	July 2004
R-PHRASES (Full text):	R-11 Highly Flammable. R-38 Irritating to skin. R51/53 Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed. R-67 Vapours may cause drowsiness and dizziness. R-12 extremely flammable.

DISCLAIMER

The information on this sheet is not a specification. It does not guarantee specific properties. The information is intended to provide general guidance to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions and recommendations are not followed.