

# Material Safety Data Sheet

Date of Issue: 29.09.03

Supersedes: All Previous

## 1. Identification of Preparation and Company

**Product** Granville Silicone Spray  
**Company** Granville Oil & Chemicals Limited  
29 Goldthorpe Industrial Estate  
Goldthorpe  
Rotherham  
S Yorkshire  
S63 9BL  
Tel (+44) 01709 890099  
Fax (+44) 01709 891121

## 2. Composition & Information on Ingredients

A blend of aliphatic hydrocarbon solvent(s), polydimethyl siloxanes and hydrocarbon propellants. Substances presenting a Health or Environmental hazard within the meaning of the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

Substance Name	EINECS No	CAS No	% Conc Range	Hazard Symbols	Risk Phrases
PROPRIETRY BLEND OF ALIPHATIC HYDROCARBON SOLVENTS (LOW HEXANE)	265-151-9	64742-49-0	10-20	Xn,Xi,F	65-38-67-11
NAPHTHA (PETROLEUM) HYDRODESULFURIZED LIGHT,DEAROMATIZED	295-434-2	92045-53-9	20-40	Xn, Xi,F	65-38-11-67
BUTANE	203-448-7	106-97-8	20-40	F +	12

The information contained in this leaflet is provided to enable the user to assess the product and should not be taken as a specification. All information provided is given good faith we can however not assume liability. It is up to the user to ensure that the information and the product is suitable for use intended.

### **3. Hazards Identification**

Prolonged or repeated exposure to products containing refined mineral oil or HBPF distillates may result in dermatitis unless good personal hygiene is used. 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 other incandescent material. Deliberately concentrating and inhaling contents of this container is dangerous and can be fatal.

#### **Classification**

Irritant to skin, F + - Extremely Flammable, N – Hazardous to the Environment.

#### **Risk Phrases**

Extremely Flammable –Irritating to the 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**

#### **GENERAL**

In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.

#### **INHALATION**

Remove to fresh air, keep warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

#### **EYE CONTACT**

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 mins. holding the eyelids apart, seek medical advice.

#### **SKIN CONTACT**

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser. Do NOT use solvents or thinners.

#### **INGESTION**

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

## 5. Fire Fighting Measures

### **Extinguishing Media:**

**Carbon dioxide, Dry Powder, Halogenated Hydrocarbons, Sand, Foam**

**NOT TO BE USED: Water.**

**SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL** – Fire will produce dense black smoke containing hazardous products of combustion (see Section 10) Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with a water spray. Do not allow run off from fire fighting to enter drains or water courses.

## 6. Accidental Release Measures

Exclude sources of ignition and ventilate the area. Exclude non essential personnel. Avoid breathing vapours. Refer to protective measures listed in sect. 7 & 8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations. Do not allow large quantities to enter drains or water courses. If it does local water companies should be contacted, in case of contamination of streams, rivers or lakes the National Rivers Authority.

## 7. Handling and Storage

### **Handling**

Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standard. Use non sparking tools and exclude sources of heat, sparks and flames. Avoid skin and eye contact. For personal protection see Sect.8. Good housekeeping and regular removal of waste materials will minimise risks.

### **Storage**

Store in accordance with the conditions of the licence which is necessary under the Petroleum (Consolidation) Act. See the HSE guidance note Storage of Flammable Liquids in Containers. Observe the label precautions. Store between 5 and 30°C in a dry well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. The principles contained in the HSE's guidance note Storage of Packaged Dangerous substances should be observed when storing this product.

## 8. Exposure Controls / Personal Protection

**Engineering Measures:** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn.

### Occupational Exposure Limits

The information contained in this leaflet is provided to enable the user to assess the product and should not be taken as a specification. All information provided is given good faith we can however not assume liability. It is up to the user to ensure that the information and the product is suitable for use intended.

Substance Name	15 min STEL		8hr LTEL		Notation
	ppm	mg/m3	ppm	mg/m3	
PROPRIETRY BLEND OF ALIPHATIC HYDRO-CARBON SOLVENTS (LOW HEXANE)			300.00		OES
BUTANE	750.00	1780.00	600.00	1430.00	OES

#### NOTES

Notations = Sk – risk of absorption through skin. Sen – respiratory sensitizer. Bmgv – Biological Monitoring may be appropriate (see Biological Monitoring Guidance Value in EH40 TABLE 3).

OES – Occupational Exposure Standard MEL – Maximum Exposure Limit.

OEL's from EH40 (Revised annually) except where marked SUP which are assigned by the supplier of the substance.

**General Protection** – All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

**Respiratory Protection** – Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled below OEL's and engineering methods cannot be reasonable improved.

**Hand Protection** – Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.

**Eye Protection** – Eye protection designed to protect against liquid splashes should be worn.

**Skin Protection** – Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

## 9. Physical and Chemical Properties

<b>PHYSICAL STATE</b>	CLEAR COLOURLESS LIQUID	<b>FLASH POINT</b>	<0°C Method Pensky
<b>SPECIFIC GRAVITY</b>	.652 gms/cc Method Hydrometer		-Martens Apparatus
<b>SOLUBILITY IN WATER</b>	IMMISCIBLE		to British
Standard			BS 6664 Pt.5
		<b>VAPOUR</b>	
		<b>DENSITY</b>	HEAVIER than Air

## 10 Stability and Reactivity

Stable under the recommended storage and handling conditions (see Sect7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and acid materials to prevent the possibility of an exothermic reaction.

## 11 Toxicological Information

There is no data available on the product itself. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eye may cause irritation and reversible local damage.

## 12 Ecological Information

The information contained in this leaflet is provided to enable the user to assess the product and should not be taken as a specification. All information provided is given good faith we can however not assume liability. It is up to the user to ensure that the information and the product is suitable for use intended.

There is no data available on the product itself. Large quantities of the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product..

### 13 Disposal Considerations

Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution and Environmental Protection Acts.

### 14 Transport Information

Road/Rail	UN No...1950 Disignation...AEROSOL DISPENSER NOS	Packing Group..N/A	Class...2.1
Sea	Packing Grp. <= 30lts...N/A Marine Pollutant...No Ems.....2-13 Main Risk.....FLAMMABLE Shipping Name....AEROSOL DISPENSERS NOS	Packing Grp.>30lts...N/A UN Number.....1950 MFAG.....260***	Class...2
Air	Packing Grp <= 30lts...N/A UN Number.....1950	Packing Grp.>30lts...N/A	Class...2.1
International Road/Rail	Item Number...5oF Main Risk.....FLAMMABLE Shipping Name..AEROSOL DISPENSERS		Class.....2 UN Number.....1950

### 15 Regulatory Information

This product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows.

<b>Classification</b>	Xi – Irritant F + Extremely Flammable N - Hazardous to the Environment
<b>Contains</b>	PROPRIETRY BLEND OF ALIPHATIC HYDROCARBON SOLVENTS (LOW HEXANE) NAPHTHA (PETROLEUM), HYDRODESULFURIZED LIGHT, DEAROMATIZED.
<b>Risk Phrases</b>	12 Extremely Flammable 38 Irritating to the skin 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment 67 Vapours may cause drowsiness and dizziness
<b>Safety Phrases</b>	2 Keep out of reach of children 16 Keep away from sources of ignition – No smoking

The information contained in this leaflet is provided to enable the user to assess the product and should not be taken as a specification. All information provided is given good faith we can however not assume liability. It is up to the user to ensure that the information and the product is suitable for use intended.

- 23 Do not breathe gas/fumes/vapour/spray  
51 Use only in well ventilated area  
24/25 Avoid contact with skin and eyes.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)  
46 If swallowed seek medical advice immediately and show this container or label  
61 Avoid release to the environment. Refer to special instructions/Safety data sheet

## 16 Other Information

Text of any Risk Phrases listed in Section 2

R11	Highly Flammable
R12	Extremely Flammable
R38	Irritating to the skin
R65	Harmful: may cause lung damage if swallowed
R67	Vapours may cause drowsiness and dizziness

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. The product should not be used for purposes other than those shown in sec. 1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:-

The Control Of Substances Hazardous to Health Regulations 1988 (S) 1988 1657)

The Manual Handling Operations Regulations 1992 (S) 1992 2793

Storage of Flammable Liquids in Containers HS(G) 51

Storage of Packaged Dangerous Substances HS(G) 71 The Environmental Protection (Duty of Care) Regulations 1992 (S) 1988 2839)