

ORIGINATED: 15/01/2002

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

Product Name : UltraSlip

Product Code : US 495

Use/Description of Product : Opaque Silicon Oil for automotive and Industrial Use
High Viscosity and Low Odour Designed For all Friction Loaded Surfaces.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients :

Substance Name	EINECS No.	CAS No.	% Conc Range	Hazard Symbols	Risk Phrases
PROPANE	200-827-9	74-98-6	10 – 25	F+	12
NAPHTHA (Petroleum), HYDRODESULFIRIZED HEAVY	265-185-4	64742-82-1	25 – 50	Xn,Xi,	65-66-10-51/53
BUTANE	203-448-7	106-97-8	2.5 - 10	F+,	12

3. HAZARD IDENTIFICATION

Classifications : F+ - Extremely Flammable

Risk Phrases : Extremely Flammable

Main Hazard Overview :
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 deg C. do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

4. FIRST AID MEASURES (SYMPTOMS) part 1

Skin Contact : There may be mild irritation at the site of contact.

Eye Contact : There may be irritation and/or redness.

Ingestion : There may be irritation of the throat. There may be vomiting.

Inhalation : There may be irritation of the throat. There may be vomiting.

4. FIRST AID MEASURES (ACTIONS) part 2

General :

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

Skin Contact :

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

Eye Contact :

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

Ingestion :

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do not induce vomiting. Show medical personnel a copy of this SDS.

Inhalation :

Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is correct, place in the recovery position. If conscious, ensure the casualty sits or lies down. Seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing Media : Carbon Dioxide, Dry powder, Halogenated Hydrocarbons, Sand foam. DO NOT USE WATER.

Protection of Fire-fighters :

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

Personal Precautions : Refer to section 8 of SDS for personal protection details.

Environmental Precautions : Do not allow large quantities to enter drains or water courses. If this happens contact Local Water Company or In the case of rivers, the Local Rivers Authority.

Clean-up Procedures : Contain and collect spillage with non combustible absorbent materials. e.g., sand or earth and place in suitable Container for disposal in accordance with waste regulations

7. HANDLING AND STORAGE

Handling requirements :

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 section 8 of the SDS. Good housekeeping and regular removal of waste materials will minimise risk.

Storage Conditions :

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 deg 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

Ingredients :

Substance Name	Occupational Exposure Limit				Notation
	15 min STEL		8 hr LTEL		
	ppm	Mg/m3	ppm	Mg/m3	
NAPTHA (Petroleum)	125.00	720.00	100.00	575.00	OES
HYDRODESULFURIZED HEAVY BUTANE	750.00	1780.00	600.00	1430.00	OES

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.

Respiratory Protection

Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled below OEL's and engineering methods cannot be reasonably 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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Opaque Oil held in aerosol container
Colour	:	Off-White Opaque
Odour	:	Slight Sweet Smell
Evaporation Rate	:	Heavier than air. No data available
Solubility in Water	:	IMMISCIBLE
Flash Point C	:	< 0.20 deg C Method Abel Apparatus to British Standard BS 2000 Pt.170
Specific Gravity	:	0.82 grams / cc method weight per Gallon Cup

10. STABILITY AND REACTIVITY

Stability

Stable under the recommended storage and handling conditions (see section 7). 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

Aquatic Toxicity Effects	:	Toxic to aquatic Organisms.
Organic Toxicity Effects	:	No data available
Persistence/Mobility	:	May cause long term adverse effects to Aquatic environment.
Bioaccumulation	:	No data available

Further information

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 water. The air pollution control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

13. DISPOSAL INFORMATION

NB:

The users attention is drawn to the possible existence of regional or national regulation regarding disposal, Consult local Regulations. See Section 12

14. TRANSPORT INFORMATION

Road/Rail	:UN No.....1950 Designation.....AEROSOL DISPENSERS NOS	Packing Group....N/A	Class....9
Sea	:Packing Grp. <= 30 lts.....N/A Marine Pollutant.....No EMS.....2-13 Main Risk.....FLAMMABLE IMPG No. 9022 Shipping Name.....AEROSOL DISPENSERS NOS	Packing Grp. > 30 lts.....N/A UN No.....1950 MFAG.....260***	Class....9
Air	:Packing grp. <= 30 lts.....N/A UN Number.....1950	Packing Grp. > 30 lts.....N/A	Class....9
International Road/Rail	:Item Number.....5oF Main Risk.....FLAMMABLE Shipping Name.....AEROSOL DISPENSERS	UN Number.....1950	Class.... 9

15. REGULATORY INFORMATION

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



Classifications	:	F+ -	Extremely Flammable
Contains	:	.	
Risk Phrases	:	12	Extremely Flammable
Safety Phrases	:	2	Keep out of reach of children.
		16	Keep away from sources of ignition – No Smoking
		26	In case of Contact with Eyes, Rinse immediately with plenty of Water And seek Medical Advice
		46	If Swallowed seek medical advice immediately and Show this Container or label.
P Phrases	:		Do not breath Vapour or Spray

The information contained in this Safety data Sheet does not constitute the users own assessment of the workplace risks as required by other Health & Safety Legislations. The provisions of the Health & Safety at work Etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product in a suitable work environment.

16. ADDITIONAL INFORMATION

Risk Phrases Listed in Section 2

- R12 Extremely Flammable
- R 51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
- R 65 Harmful: may cause lung damage if swallowed.
- R 66 Repeated exposure may cause skin dryness or cracking.

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

The information contained in this Safety Data Sheet is based on the present state of knowledge and known current national legislation. It provides guidance on health, safety and environmental aspects of the product and its typical values; it 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(SI 1988: 1657)
- The Manuel Handling Operations Regulations 1992 (SI 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