

ORIGINATED : 18/02/2003

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

Product Name : MP S90 Multilube
Product Code : MP S90
Use/Description of Product : Aerosolised blend of Rust removers, Lubricants and Penetrants.General Bodyshop and Workshop use.

Company Name : Rotec Industries
 17 Craig Ddu Estate
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 Anglesey
 Gwynedd
 LL68 9EH

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance Name	EINECS No.	CAS No.	% Conc Range	Hazard Symbols	Risk Phrases
Low boiling point Hydrogen treated NAPTHA-NAPTHA (PETROLEUM) Hydrodesulphurized Heavy	265-185-4	64742-82-1	50 - 70	T,Xn,-,N	10,46,51/53
PROPANOL-2-OL	200-661-7	67-63-0	01 - 10	F,Xi,-	11,36,67.
Calcium Salt of Oxidised petrolatum.	-	68425-34-3	01 - 10	Xi.	36.
BUTANE	203-448-7	106097-8	10 - 30	F+	12

3. HAZARD IDENTIFICATION

Classifications : Highly Flammable,

Risk Phrases : Harmful to Aquatic Organisms, may cause long term Adverse effects in the Aquatic environment.
 Repeated exposure may cause skin dryness and cracking.

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, may cause explosive mixture with air. 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. Extreme cases may cause symptoms as Inhalation.

Inhalation : No symptoms

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

Wash immediately with plenty of soap and water

Eye Contact

Bathe the eye with running water for 15 minutes

Ingestion

Wash out mouth with water

5. FIRE-FIGHTING MEASURES

- Extinguishing Media** : Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers
- Protection of Fire-fighters** : Wear self contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes
- Exposure hazards** : In combustion emits toxic fumes.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions** : Refer to section 8 of SDS for personal protection details. Turn leaking containers leak side up to contain spillage. Mark contaminated areas with signs and prevent access to unauthorised personnel.
- Environmental Precautions** : Do not discharge into drains or rivers,. Contain spillage using bunding.
- Clean-up Procedures** : absorb into dry earth or sand. Transfer to closable, labelled Salvage container for disposal by appropriate method.

7. HANDLING AND STORAGE

Handling /Storage requirements

Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients

Substance Name	Occupational Exposure Limit				Notation
	15 min WEL		8 hr WEL		
	ppm	Mg/m3	ppm	Mg/m3	
PROPAN-2-OL	500.00	1250.00	400.00	999.00	OES
BUTANE		1810.00		1450.00	

General Engineering Measures

The floor of the storage room must be impermeable to prevent the escape of liquids

Respiratory Protection

Respiratory protection not needed

Hand Protection

Protective gloves

Eye protection

Safety glasses

Skin Protection

Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Aerosol
 Colour : Clear brown
 Odour : Characteristic Odour
 Flash Point C : 11 deg C.
 Specific Gravity : unknown

10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions
 Conditions of Avoid : Heat
 Materials to Avoid : strong Oxidising agents, Strong Acids
 Haz.Decomp. Products : In combustion emits toxic fumes

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients : PROPAN-2-OL
 IVN RAT LD50 1088 Mg/Kg
 ORL MUS LD50 3600 Mg/Kg
 ORL RAT LD50 5045 Mg/Kg
 SCU MUS LDLO 6Mg/Kg
 Routes of Exposure : Refer to section 4 of SDS for routes of exposure and
 Corresponding symptoms.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Effects : Toxic to aquatic Organisms. Toxic to soil organisms
 Organic Toxicity Effects : Readily absorbed into soil. Non volatile.
 Persistence/Mobility : Not biodegradable.
 Bioaccumulation : Bioaccumulation potential.
 Further information :

13. DISPOSAL INFORMATION

Disposal Information : Transfer to a suitable container and arrange for collection
 By specialist disposal company

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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



Classifications : Extremely Flammable

Contains : **Maintenance Spray** **1950**
Distillates (Petroleum) HYDROTREATED LIGHT

P Phrases : Pressurised container, may burst if heated.
Protect from sunlight. Do not expose to temperatures exceeding 50 C,
Do not pierce or burn, even after use. Keep away from heat, hot surfaces,
Sparks, open flames and other ignition sources. No Smoking.
In use may form flammable/explosive vapour-air mixture.
Use only as described. (BAMA)
Lubricant. 1950

Risk/Safety Phrases: Extremely flammable aerosol. Cause skin irritation.
May cause drowsiness or dizziness.
Toxic to aquatic life with long term effects.
Avoid breathing vapour/spray. Wear protective gloves.
Use only outdoors or in a ventilated area.
IF ON SKIN: Wash with soap and water.
IF INHALED: Remove victim to fresh air and keep at rest in a position
Comfortable for breathing. If exposed or concerned get medical advice or
attention. Avoid release to the environment.

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

R10	Flammable	R11	Highly Flammable.	R36	Irritating to Eyes.
R46	May cause heritable genetic damage				
R51/53	Toxic to Aquatic Organisms, may cause long term adverse effects In aquatic environment.				
R65	Harmful: May cause lung damage if swallowed				
R67	Vapours may cause drowsiness or Dizziness.				

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 Manual 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