

TURBOLUBE®

Health & Safety Data Sheet

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1. PRODUCT IDENTIFICATION

Product name:	TURBOGEL
Chemical name:	Gelled hydrocarbon with PTFE / Stabilising additives
Appearance and odour:	White Gel
Emergency phone numbers:	As above

2: COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION: Aerosol composite of TEFLON grease, Chlorinated solvent and non flammable propellant

Name	EC No.	CAS-NO	Content
Classification			
EXP888			5-10%
Dichloromethane	200-838-9	75-09-2	30-60%
Xi;N R36-43-51-401.1.1.2 –tetrafluoroethane	212-37710	811-97-2	15-30%
H280			

The full Text for all R-Phrases are displayed in Section 15

Refer to Section 8 for Occupational Exposure Limits

3: HAZARDS IDENTIFICATION

Health and Safety: Irritating to eyes, Vapours may cause drowsiness and dizziness

Other Hazards: Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 Deg Celsius

4: FIRST AID MEASURES

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Eyes: Irrigate immediately with copious amounts of clean water and get Medical aid immediately

Skin: Prolonged contact may cause frostbite, apply replenishing cream.

Inhalation: Remove patient to fresh air, keep warm & if unconscious turn onto Face and get medical aid immediately.

Ingestion: Do not induce Vomiting, Turn onto face and get medical aid

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: CO² Dry Chemical Water etc:

Special Exposure Hazards: Risk of bursting. Fire exposed containers should be sprayed with water to lessen risk of explosion. Propellant is non Flammable. High temperature sources will cause decomposition producing irritating and highly toxic acidic fumes.

Special Protective Equipment: Self-contained breathing apparatus should be worn if the product has been exposed to fire conditions.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Wear self contained breathing apparatus and protective clothing

Environmental Precautions: Prevent entry into drains, sewers and water courses.

Decontamination Procedures: Ventilate area well and allow to evaporate or contain & remove by best available means. Empty aerosols dispose of as waste in accordance with Local Authority regulations.

7: HANDLING AND STORAGE

Handling: Use only in well ventilated areas. Avoid breathing vapours. Avoid skin and eye contact. Handle containers with care use eye protection complying with BS 2092.

Storage: Store away from sources of ignition. Store out of direct sunlight. Store in cool dry area above 5 °C & below 50 °C.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

CONTROL MEASURES: Use only in well ventilated areas, isolate all potential sources of ignition

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PERSONAL PROTECTIVE EQUIPMENT: In case of insufficient ventilation wear suitable respiratory equipment. Solvent resisting gloves/Goggles. Change contaminated clothing and clean before re-use

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Aerosol pressurised container
Appearance:	White liquid
Odour:	Ethereal, Aromatic type odour
Boiling Point/range (°C):	40° C
Specific Gravity:	1.26
Vapour Density:	(air=1) 4.32 at 20°C
Viscosity	Not available
Solubility in Water:	Not soluble
Flash Point:	N/A
Flammability:	N/A
pH:	7.8

10: STABILITY AND REACTIVITY

Stability:	Stable if used as directed. Contains chlorinated solvent
Conditions to avoid:	Any source of ignition. Decomposition produce dangerous gases, upon contact with flames or hot metallic surfaces.
Materials to avoid:	Excess heat, attacks some plastics, rubber and coatings, confined spaces. When no water is present non corrosive to metal
Hazardous reactions:	Strong oxidising agents, phosgenes, carbon monoxide
Other Information:	The vapour is heavier than air disperses at ground level

11: TOXICOLOGICAL INFORMATION

On Eyes:	Moderate Irritation
On Skin:	Mildly irritating. May defat skin

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By Inhalation: Mist and vapours may cause irritation to nose and respiratory tract. Vapours may cause headaches, dizziness

12: ECOLOGICAL INFORMATION

Ecotoxicity: Fish: Bluegill/Sunfish: 230mg/L; 24H; Static Fathead Minnow: 196mg/L; 96H; This chemical has a moderate potential to affect some aquatic organisms. It is resistant to biodegradation, and has a low potential to persist in the aquatic environment. 96-hr. EC50 (loss of equilibrium); Fathead minnow: 99mg/L; 96-hr. EC10: 66.3 mg/L. Bluegill sunfish: 96-hr. LC50=220 mg/L; Water flea: 24-hr. LC50=2270 mg/L; No observed effect level:1550 mg/L.

Environmental: Terrestrial: Expected to evaporate from near surface soil into the atmosphere; expected to leach.

Aquatic: Primarily lost by evaporation to the atmosphere which should take several hours depending on wind and mixing conditions. Atmospheric: Will degrade by reaction with hydroxyl radicals with a half life of several months. Dichloromethane is reported to completely biodegrade under aerobic conditions with sewage seed or activated sludge between 6 hours to 7 days. Not expected to bioconcentrate due to its low octanol/water coefficient.

13: DISPOSAL CONSIDERATIONS

Do not puncture or incinerate even when empty. Disposal must be in accordance with local and national legislation

UNUSED PRODUCT: Dispose of through an authorised waste contractor to licensed site

USED/ PRODUCT: Dispose of through an authorised waste contractor to a licensed site.

PACKAGING: Must be disposed of through an authorised waste contractor.

14: TRANSPORT INFORMATION

GENERAL LIMITED QUANTITIES derogation applies to volumes under 1ltr



UK ROAD/RAIL CLASS 2

PROPER SHIPPING NAME AEROSOLS

UN ROAD PACK GR. 1 UN No:1950

ADR Class: 2.1

AIR: UN No:1950 IATA Class: 2.1

SEA: UN No: 1950 AEROSOLS Ltd Qty Class 2.1

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15: REGULATORY INFORMATION

LABELLING



RISK PHRASES

- R36** Irritating to eyes
- R43** May cause sensitisation by skin contact
- R51** Toxic to aquatic organisms
- R65** Harmful: may cause lung damage if swallowed
- R40** Risk of irreversible effects

SAFETY PHRASES

- S2** Keep out of reach of children
- S23** Do not breathe vapour/spray
- S25** Avoid contact with eyes
- S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S51** Use only in well ventilated areas.

Pressurised container: protect from sunlight and don 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,

16: OTHER INFORMATION

The information and recommendations contained herein are, to the best of our knowledge and belief, accurate and reliable as of the date of issue of each page. This document is offered without guarantee or warranty. It relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

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The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from the supplier.

If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet

It is the responsibility and duty of the employer to inform employees and others who may be affected by any hazards described in this sheet and of any precautions which should be taken. This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation

WARRANTY: As the supplier no control on how, or where, these products are applied, it cannot accept any liability, either directly or indirectly arising from the use of these products, whether or not in accordance with any advice, recommendation or specification given by the Company

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