

SAFETY DATA SHEET

GLOBAL PTFE DRY FILM LUBRICANT

Issued: 19/02/2012

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	<u>GLOBAL PTFE DRY FILM LUBRICANT</u>
Product Type	TEFLON
Manufacturer/Supplier	Global Lubricants Limited
Address	13 Sandwell Business Development Centre, Oldbury Rd, Smethwick, West Midlands, B66 1NN, England
Phone Number	+44 (0) 121 544 3638
Fax Number	+44 (0) 121 544 6505
Emergency Phone Number	+44 (0) 7710 754382

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Ingredient 1:	Propan-2-OL>50% CAS: 67-63-0 EINECS: 200-661-7 (F) R11: (Xi) R36: (-) R67:
Contains:	Telomers of tetrafluoroethylene

3. HAZARD IDENTIFICATION

Main Hazards:	Highly flammable.
Other Hazards:	In use, may form flammable/explosive vapour-air mixture.

4. FIRST AID MEASURES(SYMPTOMS)

Skin Contact:	There may be mild irritation at the site of contact.
Eye Contact:	There may be irritation and redness.
Ingestion:	There may be confusion, aggressive behaviour, slurred speech and staggering walk.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

FIRST AID MEASURES (ACTION)

Skin Contact:	Wash off with water Contaminated clothes should be laundered before reuse.
Eye Contact:	Bathe the eye with running water for 15 minutes. Seek medical advice if symptoms persist.
Ingestion:	Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. Seek medical advice if symptoms persist.

Inhalation: Remove to fresh air Seek medical attention if recovery is not rapid or complete.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide. Alcohol resistant foam.

Exposure Hazards: Highly flammable. Vapour may travel considerable distance to source of ignition and flash back.

Protection of Fire-Fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eliminate all sources of ignition

Environmental Precautions: Contain the spillage using bunding.

Clean-Up Procedures: Mix with sand or vermiculite. If inside, transfer outside of building in suitable containers. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling Requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden.

Storage Conditions: Store in cool, well ventilated area. Keep away from Sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory Protection: Do not breathe vapour or spray.

Hand Protection: Protective gloves.

Eye Protection: Ensure eye bath is to hand.

Skin Protection: Avoid prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Colour	Colourless
Odour	Characteristic Odour
Viscosity	Non-viscous
Oxidising	Non-oxidising (by EC criteria)
Evaporation Rate:	Moderate
Solubility in Water	Soluble
Also soluble in:	Most organic solvents
Flash point (°C)	20

Relative density 0.90

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions

Conditions to Avoid Sources of ignition. Flames

Materials to Avoid Oxidising agents

11. TOXICOLOGICAL INFORMATION

Ingredient 1: PROPAN-2-OL
IVN RAT LD50 1088mg/kg
ORL MUS LD50 3600mg/kg
ORL RAT LD50 5045mg/kg
SCU MUS LDLO 6gm/kg

12. ECOLOGICAL INFORMATION

Mobility Soluble in water.

**Persistence/
Degradability** Biodegradable in part only.

Bioaccumulative Potential Slightly bioaccumulable

Other Adverse Effects Negligible ecotoxicity

13. DISPOSAL CONSIDERATIONS

Waste disposal: Transfer to waste solvent drum for collection by Specialist disposal company.

Disposal of packaging: Dispose of as normal industrial waste.

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

14. TRANSPORT INFORMATION

UN No: 1993
ADR Class: 3
Hazard ID No: 33
Labelling: 3
Shipping Name: Flammable Liquid n.o.s.

IMOG/IMO

15. REGULATORY INFORMATION

Hazard Symbols:	Highly flammable Irritant
Risk Phrases:	R11:Highly flammable
Safety Phrases:	S2:Keep out of the reach of children S7:Keep container tightly closed S16:Keep away from sources of ignition – No smoking S24/25:Avoid contact with skin and eyes

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Risk Phrases used in s.2:	R11:Highly flammable R36:Irritating to eyes R67:Vapours may cause drowsiness and dizziness
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Information approved for the classification, packaging and labelling of dangerous substances for supply and conveyance by road (Third Edition).

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

International Maritime Dangerous Goods Code (TMDG Code).

Dangerous Goods Regulations IATA.

Technical Instructions for the Safe Transport of Dangerous Goods by Air ICAO.

Evaluation of the Hazards of Harmful Substances Carried by Ships (GESAMP Reports and Studies No 35).

The data and advice given apply when the product is sold 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. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

Codes of practise: Operational Provisions of the Road Traffic (Carriage of Dangerous Substances in packages etc) Regs 1986 (COP 17).

Classification & labelling of dangerous substances for conveyance by road in tankers, tank containers & packages (COP 19 Rev 1).
Classification & labelling of substances dangerous for supply (COP 22).
Packaging & labelling of dangerous substances for conveyance by road (COP 40 Rev 2)
Waste Management. The Duty of Care.

Guidance Notes

Storage of packaged dangerous substances (CS 17 / HS (G) 71)
Ventilation of the workplace (EH22)
Occupational skin diseases: health & safety precautions (EH26)
Occupational exposure limits (EH40)
Storage of flammable liquids in containers (HS (G) 51)
Respiratory protective equipment – A practical guide for users (HS (G) 53)
Classification, Packaging & Labelling of dangerous Substances
Regs 1984 (HS (R) 22)
Road Traffic (Carriage of Dangerous Substances in Packages etc)
Regs 1986 (HS (R) 24)
Save your skin !– Occupational Contact Dermatitis (MS (B) 6)
Dermatitis – cautionary notice (SHW 367)

The above publications are available from HMSO and HSE Sources.