



MATERIAL SAFETY DATA SHEET

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Revised Edition No. 3
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Supersedes: Edition 2

DRY PTFE SPRAY

1. IDENTIFICATION OF THE SUBSTANCE/ USE/ COMPANY DETAILS

Trade Name: Dry PTFE Spray
Company Identification: Brit-Lube Limited
Units 2&3 Mayfield Industrial Estate
Liverpool Road
Irlam
Manchester, M44 6GD
Tel: +44(0)161 777 9970
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info@brit-lube.com
Type of product: Aerosol
Use: Lubricant/ Assembly Aid

2. HAZARDS IDENTIFICATION

Symptoms relating to use: Extremely flammable. Vapours may cause drowsiness and dizziness
Hazards identification: In use may form flammable/ explosive vapour-air mixture
Primary route of exposure: Inhalation
Symptoms relating to use:
- **Inhalation** Shortness of breath , drowsiness, headache
- **Skin Contact** Redness, Pain
- **Eye Contact** Redness, Eye irritant upon direct contact

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: This product is considered to be hazardous and contains hazardous components

Substance Name	Contents	CAS No	EC No	Index No	Classification
Ethanol	6 – 12%	64-17-5	200-578-6	603-002-00-5	F:R11
Petroleum Solvent	<30%	67-64-1	200-662-2	606-001-00-8	F:R11, R66,R67,Xi;R36
Dimethyl Ether	>60%	115-10-6	204-065-8	603-019-00-8	F+; R12

4. FIRST AID MEASURES

Inhalation Use in a well ventilated area.
Skin Contact Wash skin thoroughly with mild soap and water.
Eye Contact Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

5. FIRE FIGHTING MEASURES

Prevention	Do not expose to naked flames or fire. No smoking.
Extinguishing Media	Dry Chemical, Carbon dioxide
- Unsuitable extinguishing media	Do not use high pressure water
Surrounding Fires	Use water spray to cool containers
Specific Hazards	Under fire conditions, hazardous fumes will be present
Protection for Fire-Fighters	Do not enter fire area without Proper Protective Equipment, including respiratory equipment.
Special procedures	Exercise caution when entering any lubricant or chemical fire.

6. ACCIDENTAL RELEASE MEASURES

General Precautions	May be slippery if spilled. Remove from ignition sources. Do not breathe fumes or vapours from decomposition.
Personal Precautions	Avoid contact with skin and eyes. No Smoking. Clean up crews should wear proper Proper Protective Equipment.
Environmental Precautions	Prevent entry to sewers and public water ways. Notify authorities if product enters sewers or public waters
Clean up methods	Collect spill and put in appropriate container.

7. HANDLING AND STORAGE

GENERAL	Ensure there is adequate ventilation. Avoid all unnecessary exposure to naked flames or potential fire risks. No Smoking.
STORAGE	Store away from heat, sparks, open flames. Store in cool, dry well ventilated areas.
HANDLING	Ensure prompt removal from eyes, skin, clothing. Wash hands and other exposed areas with mild soap and water before you eat, drink or smoke, leave work. Keep away from food, drink. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION

Respiratory Protection	No special respiratory protection equipment is recommended under normal conditions of use, if used with adequate ventilation. If used in confined area wear suitable mask.
Hand Protection	Wear Barrier Cream, if repeated or prolonged contact wear protective clothes
Skin Protection	In the case of possible repeated skin contact wear protective clothing
Eye Protection	Eye protection is only necessary where liquid could be splashed or sprayed
Ingestion	When using do not eat, drink or smoke

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Aerosol
Colour	White
Odour	Solvent
Evaporation Rate	Fast
Solubility in Water (vol/vol)	Material insoluble in water
Density	0.86
Flash Point	<0°C

10. STABILITY AND REACTIVITY

Hazardous decomposition products	Combustion will generate smoke, carbon monoxide, carbon dioxide
Hazardous reactions	Highly Flammable when sprayed
Hazardous properties	None under normal conditions. Highly Flammable whilst being sprayed.
Materials to avoid	Strong oxidizing agents, acids.
Conditions to avoid	Naked flames, fires, direct heat

11. TOXICOLOGICAL INFORMATION

Inhalation	Not expected to prevent a significant inhalation hazard under anticipated conditions of normal use. Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation.
Dermal	Repeated or prolonged exposure may have a defatting effect or cause dermatitis.
Ocular	Redness, pain may occur.

12. ECOLOGICAL INFORMATION

On Product	Prevent entry to sewers and public water ways.
Ecological Effects	Not soluble in water, so only minimally bio-degradable

13. DISPOSAL CONSIDERATIONS

General	Dispose of in a safe manner in accordance with local/national regulations
Disposal method	In accordance with local/national regulations may be taken to waste disposal site.
Disposal of used packaging	Use a licensed waste disposal contractor.

14. TRANSPORT INFORMATION

General Information	Classification including: UN Class: 1950, ADR Class: 2, RID Class: 2, IMDG Class: 2, Un No. 1950, EmS:2-13, Labeling: 2.2 IATA Class: 2, UN No. 1950, Labeling: Extremely Flammable
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15. REGULATORY INFORMATION

Symbol(s)	F+:Extremely Flammable
R Phrase(s)	R12 – Extremely Flammable R66 – Repeated exposure may cause skin dryness and cracking R67 – Vapours may cause drowsiness, dizziness
S Phrase(s)	S2 - Keep out of reach of children S3 - Store in cool place S16 – Keep Away from sources of ignition – No Smoking S23 – Do not breathe vapour /spray S37 - Wear suitable gloves S51 – Use only in well ventilated areas
Precautionary Phrases	Pressurized container: protect from sunlight, do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Keep out of reach of children.

Container under pressure do not drill or burn after use.

16. OTHER INFORMATION

Product Use: For Industrial use only. Lubricant

The contents and format are in accordance with the following directives:

EC Directive 91/155/EEC defining the laying down and detailing of specific information relating to Dangerous Preparations Directive – 2001/58/EC.

EC Directive 88/379/EEC relating to the classification, packaging and labeling of dangerous preparations.

DISCLAIMER OF LIABILITY:

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user. The conditions of handling, storage, use or disposal of the product are beyond our control. For this and other reasons, we do not assume responsibility and expressly disclaim any liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product. This MSDS was prepared solely for the product stated and should not be used for any other product.

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