

Product Safety Data Sheet

Complies with Directive 91/155/EEC

1. Identification of Product & Company

Product name: TF2 Lubricant Spray with Teflon 400ml/450ml/150ml 03015/03021
Intended Use: Lubricant
Company Name: Weldtite Products Ltd., Unit 9, Harrier Road, Humber Bridge Industrial Estate, Barton-on-Humber North
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2. Composition / Information of Ingredients

A blend of aliphatic hydrocarbon solvents, mineral oil(s), reodourisers, corrosion inhibitors, surface active agent(s) and hydrocarbon propellants.

Substance Name	EINECS No.	CAS No.	% Conc. Range	Hazard Symbols	Risk Phrases
Distillates (Petroleum), Hydrotreated Light Butane	265-149-8 203-448-7	64742-47-8 106-97-8	40 – 60 5 -10	Xn, Xi, F+	65-66 12

Substances presenting a health hazard within the meaning of the Chemicals (Hazard Information & Packing) Regulations 2002, see under Section 8 of this Safety Data Sheet.

3 Hazard Identification

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 C. Do not pierce or burn even after use. Do not spray on a naked flamed or any incandescent material. Deliberately concentrating and inhaling contents of this container is dangerous and can be fatal.

Classification: F+ ~ Extremely Flammable,

Risk Phrases: Extremely Flammable – Repeated exposure may cause skin dryness or cracking.

4 First Aid Measures

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

Inhalation: remove to fresh air, keep warm and at rest. If breathing is irregular or stopped, give artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

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

Skin contact: remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser. Do NOT use solvents or thinners.

Ingestion: if accidentally swallowed, obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

5 Fire Fighting Measures

EXTINGUISHING MEDIA: Carbon dioxide, Dry Powder, Halogenated Hydrocarbons, Sand, Foam.

NOT TO BE USED: Water.

SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL: 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 BA may be required. Cool closed containers exposed to fire, with water sprays. Do not allow run off from fire fighting to enter drains or water courses.

6 Accidental release measures

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 & 8. Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth and place in suitable container for disposal in accordance with waste regulations. Do not allow large quantities to enter drains or water courses. If it does, local water companies should be contacted, in case of contamination of streams, rivers or lakes, the National Rivers Authority.

7 Storage & Handling

Handling: Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standard. Use non sparking tools & exclude source of heat, sparks & flames. Avoid skin and eye contact. For personal protection, see Sect. 8. Good housekeeping and regular removal of waste materials will minimise risks.

Storage: 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 & 30 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

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use 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.

Substance Name	Occupational Exposure Limits				Notation
	15min STEL		8hr LTEL		
	ppm	Mg/m ³	Ppm	Mg/m ³	
BUTANE	750.00	1780.00	600.00	1430.00	OES

NOTES

Notations = Sk - risk of absorption through skin Sen - respiratory sensitizer.

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OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.

General Protection - All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

Respiratory Protection - Air feed 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 splashed 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 & water or a proprietary skin cleaner.

9 Physical & Chemical properties

Appearance: Hazy amber coloured liquid.
 Flash point: 0 C (Pensky-Martensl Apparatus to BS 6664 Pt 5)
 SG 0.80 gms/ oc (hydrometer)
 Vapour Density: HEAVIER than air
 Solubility: Immiscible in water

10 Stability & Reactivity

Stable if recommend storage and handling conditions are met (see Sect. 7). In a fire, hazardous decomposition products may be produced including smoke, carbon monoxide, carbon dioxide and oxides of nitrogen. 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. Repeat 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. Eyes splashes may cause irritation and reversible local damage.

12 Ecological 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 when it can affect ground or water surfaces. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

13 Disposal Consideration

Do not allow large quantities to enter the drains or water courses, or dispose of where ground or surface waters maybe affected. Waste, including empty containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts.

14 Transport Information

Road/Rail	SI Number: 1950	Packing Group... N/A	Class: 2.1
	Designation: AEROSOL, FLAMMABLE		
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: 260***	
	Main Risk: FLAMMABLE		
	Shipping Name: AEROSOL, FLAMMABLE		
Air	Packing Grp. <= 30 lts ... N/A	Packing Grp. > 30 lts ... N/A	Class: 2.1
	UN No: 1950		
International Road/Rail	Item Number 5F	Class: 2	
	Main Risk: FLAMMABLE	UN No: 1950	
	Shipping Name: AEROSOL, FLAMMABLE		

15 Regulatory Information

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

Classification:	F+	Extremely Flammable
Risk Phrases:	12 66	Extremely Flammable. Repeated exposure may cause skin dryness or cracking
Safety Phrases:	2 16 51 24/25 26 45 46	Keep out of reach of children Keep away from sources of ignition – No smoking. Use only in well ventilated areas. Avoid contact with skin and eyes In case of contact with eyes, rinse immediately with plenty of water, and seek medical advice. In case of accident or if you feel unwell If swallowed seek medical advice immediately and show this container or label.
P phrases		Do not breathe vapour or spray.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by H&S legislation.

The provisions of the Health & safety at Work Act and COSHH Regulations apply to the use of this product at work.

16 Other Regulations

Text of any Risk phrases listed in section 2:

R12	Extremely Flammable.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking

New issue results from changes in section(s) 2, 8, 15, 16

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

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environment aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant can be found in:-

The Control of Substances Hazardous to Health Regulations 1988 (SI 1988: 1657)

The Manual Handling Operations Regulation 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 (SI 1988: 2839)