

Product Safety Data Sheet

Complies with Directive 1907/2006/EC

1. Identification of Product & Company

Product name: Weldtite TF2 PLUS+ Dry Lubricant with Teflon 75ml/125ml
Intended Use: Lubricant
Company Name: Weldtite Products Ltd., Unit 9, Harrier Road, Humber Bridge Industrial Estate, Barton-on-Humber North
Lincolnshire DN18 5RP UK
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2 Hazard Identification

Physical/chemical hazards: See section 10
Human health hazards: see R phrases
Environmental hazards: see section 12.
Other hazards: none
Classification:



Xi



F



N

Risk Phrases:

Irritant to Skin, Highly Flammable, Dangerous for the environment,
R11- Highly Flammable, R38 - Irritating to the skin,
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment,
R67- Vapours may cause drowsiness and dizziness.

3. Composition / Information of Ingredients

Substance Name	EINECS No.	CAS No.	% Conc. Range	Hazard Symbols	Risk Phrases
NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT	265-151-9	64742-49-0	60 – 100	Xn, Xi, F	65, 38, 67, 11
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	265-150-3	64742-48-9	5-10	Xn	65, 10, 66
AMINES,C11-14 BRANCHED ALKYL,MONOHEXYL & DIHEXYL PHOSPHATES	279-632-6	80939-62-4	1-5	Xi; N;	36/38, 51/53
PROPAN-2-OL %	200-661-7	67-63-0	< 1	F; Xi;	11, 36, 37

For full text of Risk Phrases see Section 16 'Other Information'

4 First Aid Measures

GENERAL INFORMATION

NOTE! Effects may be delayed. Keep affected person under observation. NOTE! Keep affected person away from heat, sparks and flames!

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

Remove victim immediately from source of exposure. Rinse mouth thoroughly. NOTE! Keep affected person away from heat, sparks and flames! DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 Fire Fighting Measures

EXTINGUISHING MEDIA

Use: Dry chemicals, sand, dolomite etc. Alcohol resistant foam. Water spray, fog or mist. Carbon dioxide (CO₂).

SPECIAL FIRE FIGHTING PROCEDURES

Ventilate closed spaces before entering them. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Do not scatter spilled material with more water than needed to fight the fire. Be aware of danger for fire to re-start. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

Vapours are heavier than air and may spread near ground to sources of ignition.

6 Accidental release measures

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Ventilate well. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers.

7 Storage & Handling

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented.

STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Keep containers tightly closed.

STORAGE CLASS

Flammable liquid storage.

8 Exposure Controls & Personal Protection

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT			1200 mg/m3		
NAPHTHA (PETROLEUM) , HYDROTREATED HEAVY			1000 mg/m3		
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3

NOTES

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. Use chemical cartridge protection with appropriate cartridge.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated.

Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke. **DO NOT SMOKE IN WORK AREA!**

9 Physical & Chemical properties

Appearance: white liquid.

Flash point: ≥ 0 C & < 21 C (Pensky-Martensl Apparatus to BS 6664 Pt 5)

SG 0.742 gms/ oc (hydrometer)

Vapour Density: HEAVIER than air

Solubility: Immiscible in water

10 Stability & Reactivity

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 Toxicological Information

INHALATION

Vapours may cause headache, fatigue, dizziness and nausea. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Irritating to respiratory system.

INGESTION

May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Irritating to skin. May cause allergic contact eczema.

EYE CONTACT

Irritating to eyes. Irritation, burning, lachrymation, blurred vision after liquid splash.

HEALTH WARNINGS

Repeated exposure may cause chronic eye irritation. Swallowing concentrated chemical may cause severe internal injury.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

MEDICAL SYMPTOMS

Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes).

12 Ecological Information

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

13 Disposal Consideration

DISPOSAL METHODS

Collect on absorbent material, place in cardboard kegs and incinerate. Incinerate in suitable combustion chamber. Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.

14 Transport Information

UK ROAD CLASS	3		
PROPER SHIPPING NAME	FLAMMABLE LIQUID, N.O.S. (NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT, NAPHTHA (PETROLEUM), HYDROTREATED HEAVY)		
UN NO. ROAD	1993	UK ROAD PACK GR.	II
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II	HAZARD NO. (ADR)	33 Highly flammable liquid (flash-point below 23°C).
		ADR LABEL NO.	3
HAZCHEM CODE	33	CEFIC TEC(R) NO.	30GF1-I+II, 30GF1-sp
RID CLASS NO.	3YE	RID PACK GROUP	II
UN NO. SEA	3	IMDG CLASS	3
IMDG PACK GR.	1993	EMS	F-E, S-E
MFAG	II	Guide MARINE POLLUTANT No.	
UN NO. AIR	See	AIR CLASS	3
AIR PACK GR.	1993		
	II		

15 Regulatory Information

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

Classification:	Xi	Irritant
	F	Highly Flammable
	N	Hazardous to the Environmental
Risk Phrases:	11	Highly Flammable
	38	Irritating to the skin
	51/53	Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.
	67	Vapours may cause drowsiness and dizziness
Safety Phrases:	2:	Keep out of the reach of children
	16:	Keep away from sources of ignition - No smoking.
	9:	Keep container in a well-ventilated place.
	23:	Do not breathe vapour.
	24:	Avoid contact with skin.
	46:	If swallowed, seek medical advice immediately and show this container or label.
	56:	Not recommended for interior use on large surface areas.

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:

RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

The information contained in this Safety Data Sheet is provided in accordance with the Chemicals (Hazards Information and Packaging) Regulations. 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.