

Safety Data Sheet according to Regulation 453/2010/EC**1 Identification of the substance / preparation and of the company****1.1 Product identifier**

Product name : TF2 All Purpose Lithium Grease
Product No. 02005/02025 (40g); 03004 (100g); 03005 (3kg)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Lubricant

1.3 Details of the supplier of the safety data sheet

Company
Weldtite Products Ltd
Unit 9, Harrier Road, Humber Bridge Industrial Estate
Barton upon Humber
North Lincolnshire DN18 5RP UK
+44 (0)1652 660000
+44 (0)1652 660066
sales@weldtite.co.uk

**Email contact :
Responsible**

1.4 Emergency phone: **44 (0)1652660000 (Available 08.30 to 17.00)

2 Hazards identification**2.1 Classification of the substance or mixture****2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]**

Not classified

2.1.2 Classification according to Regulation 67/548/EEC or 1999/45/EC

Not classified as dangerous under EC criteria.

2.2 Label elements

Label In Accordance With (EC) No. 1272/2008

Hazard symbols

No symbol

Signal Word

No signal word

Hazard Statements

PHYSICAL HAZARDS:

Not classified as a physical hazard under GHS criteria.

HEALTH HAZARDS:

Not classified as a health hazard under GHS criteria.

ENVIRONMENTAL HAZARDS:

Not classified as an environmental hazard under GHS criteria.

Precautionary Statements

Prevention : P102 Keep out of reach of children

Response : No precautionary phrases.

Storage : No precautionary phrases.

Disposal : No precautionary phrases.

Supplementary Precautionary Statements

No supplementary statements

Labeling according to Directive 1999/45/EC/67/548/EEC

EC Symbols : Not classified as dangerous under EC criteria.

EC Classification : Not classified as dangerous under EC criteria.

2.3 Other hazards

No other information is available

Hazardous components which must be listed on the label

None

3 Composition / Information on ingredients**3.1 Substances**

Not Applicable.

3.2 Mixtures

Not Classified

Blend of blend oils with multifunctional additives

Ingredients	%	CAS	Reach	Classification	Regulation (EC) No 1272/2008 [CLP]
				67/548/EEC	
Zinc Dialkyldithiophosphate >1.5%	1.5	68649-42-3	N/a	Xi , N: R36, R51/53	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411

Composition Comments

The highly refined mineral oil contains <3% (w/w) DMSO extract, according to IP346.

4 First aid measures**4.1 Description of first aid measures**

Eye Contact: Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists

Skin Contact: Wash skin with soap and water. If grease has been injected under the skin, seek Medical advice immediately.

Ingestion: Do not induce vomiting. Obtain medical attention

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No ill effects

4.3 Indication of immediate medical attention and special treatment needed

Eye Contact: Immediately washout with plenty of water

5 Fire-fighting measures**5.1 Extinguishing Media**

Use water Spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media.

5.2 Special hazards arising from the substance or mixture

This product may give rise to hazardous fumes in a fire.

5.3 Advice for fire fighters

Wear self-contained breathing apparatus.

6 Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

For major spillages, wear protective equipment, chemical eye goggles and rubber gloves. Avoid contact with eyes.

6.2 Environmental precautions

In the event of a major spillage, inform authorities in cases of contamination of water or sewage system.

6.3 Methods and materials for containment and cleaning up

Transfer into suitable containers for recovery or disposal. Clean down floor area as spillages can be slippery. Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

6.4 Reference to other sections

For personal protection refer to section 8

7 Handling and storage**7.1 Precautions for safe handling**

Refer to section 8 for personal protection details. Avoid direct contact with the substance.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool well ventilated area..

7.3 Specific end uses

Transfer into suitable containers for recovery or disposal.

8 Exposure controls / personal protection**8.1 Control parameters**

Does not contain any controlled components at levels requiring disclosure.

8.2 Protective Equipment

Eyes: Wear approved safety goggles
Hand: PVC gloves
Skin: Normal work wear
Respiratory Protection: Unlikely to be necessary.

8.2.3 Environmental exposure controls

Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

9 Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance: White Smooth Grease
Odour: Odourless
Odour Threshold: Not determined
pH Neat: Neutral
Freezing Point: <-20°C
Melting Point (PMCC): > 150°C
Flash Point: > 200°C
Flammability: above 200°C
Upper/Lower Flammability Limits: No data
Vapour Pressure: No data
Vapour Density: No data
Relative Density: 0.82-0.85 typical @ 20°C
Solubility in oil: Soluble
Solubility in water: Insoluble

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Auto Ignition Temperature: Exceeds 200°C
Decomposition Temperature: No data
Viscosity: No data

9.2 Other Information

No other information available.

10 Stability and reactivity**10.1 Reactivity**

No dangerous reactions known.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to Avoid:

Heat.

10.5 Incompatible materials

Strong oxidising agents

10.6 Hazardous decomposition products

Combustion will generate: smoke, carbon dioxide and carbon monoxide

11 Toxicological information**11.1 Information on toxicological effects**

Acute Toxicity	No toxic components
Corrosivity / Irritation	Non irritating to skin/eye/respiratory track
Sensitisation	No evidence of sensitisation
Repeat Dose Toxicity	No Evidence
Mutagenicity	No Evidence
Carcinogenicity	No Evidence
Reproductive Toxicity	No Evidence

12 Ecological information**12.1 Toxicity**

Not Classified.

12.2 Persistence and Degradability:

Only slightly biodegradable.

12.3 Bio-accumulative potential

Not expected to bio-accumulate

12.4 Mobility in soil

Non volatile. The product is poorly absorbed onto soils or sediment.

12.5 Results of PBT and vPvB assessment

Contains no substances considered PBT and or vPvB according to REACH regulation annex XIII criteria.

12.6 Other adverse effects

Not known.

13 Disposal considerations**13.1 Waste Treatment Methods****Product Disposal**

Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

Hazardous Waste

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC

14 Transport information

Product is not classified as hazardous for transport.

15 Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Safety data sheet according to Regulation (EC) No. 453/2010.

Safety Data Sheet according to Regulation 453/2010/EC

1907/2006/EC - Registration, Evaluation, Authorisation and Restriction of Chemicals and amendments.

98/24/EC - Protection of workers from the risk related to chemical agents at work. Refer to Directive for details of requirements.

The regulatory information provided may not be comprehensive. Other regulations may apply to this product.

15.2 Chemical safety assessment

No information at the present time.

16 Other information**Classification according to EU Directive 1999/45/EC**

Hazard Symbol/Category of danger	Risk Phrases
None	None

Labelling according to EU Directive 1999/45/EC

Safety Phrases	None
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Full text of R-phrases referred to under section 3

R36	:	Irritating to eyes.
R51/53	:	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of H-Statements referred to under section 3

H315	:	Causes skin irritation.
H318	:	Causes serious eye damage.
H411	:	Toxic to aquatic life with long lasting effects.

Training Advice

Users should be trained in good industrial hygiene practise.

This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

Do not mix with other chemicals.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.