
SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Weldtite TF2 All Purpose Lithium Grease
- Product Part Number: 02005/02025 (40g), 03004 (100g), 03005 (3kg) & 5g

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

- Use of the substance/mixture: Lubricant

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Weldtite Products Ltd
- Address of Supplier: Unit 9, Harrier Road, Humber Bridge Industrial Estate, Barton upon Humber, North Lincolnshire, DN18 5RP, UK
- Telephone: +44 (0)1652 660000
- Email: Sales@weldtite.co.uk Web: www.weldtite.cc

EU Authorised Representative: Comply Express Unipessoal Limitada, StartUp Madeira,
EV141, Campus daPenteada, 9020 105 Funchal, Portugal
Tel: (+351) 300509778
Email : info@complyexpress.com

1.4 Emergency telephone number

- Emergency Telephone: UK: Contact the NHS Information Service (dial 111, 24hr service)
 - Company: **44 (0)1652 660000 (08.30 to17.00 Mon - Fri)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Aquatic Acute 1, Aquatic Chronic 1

2.2 Label elements



- Signal Word: Warning

Hazard statements

- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements

- P102 - Keep out of reach of children.
- P273 - Avoid release to the environment.
- P391 - Collect spillage.
- P501 - Dispose of contents/container to an authorised waste collection point

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
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SECTION 2: Hazards identification (....)

- The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Common Delegated Regulation (EU) 2017/2010 or Common Regulation (EU) 2018/605 at a concentration equal or greater than 0.1%.
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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Distillates (petroleum), hydrotreated heavy naphthenic (<3% DMSO extract)

CAS Number: 64742-52-5
EC Number: 265-155-0
Concentration: 70-90%
Categories: None assigned
H Statements: None
REACH Registration Number: 01-2119467170-45

zinc oxide

CAS Number: 1314-13-2
EC Number: 215-222-5
Concentration: 1-10%
Categories: Aquatic Acute 1, Aquatic Chronic 1, Substance with a Workplace Exposure Limit
H Statements: H400;H410

SECTION 4: First aid measures

4.1 Description of first aid measures

Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for several minutes
Remove contact lenses, if present and easy to do. Continue rinsing.
When in doubt or symptoms persist, seek medical attention

Contact with skin

Wash affected area with plenty of soap and water
If skin irritation occurs: Get medical advice/attention.

Ingestion

Rinse mouth with water (only if the person is conscious)
Do not induce vomiting
Seek medical advice

Inhalation

Not applicable

4.2 Most important symptoms and effects, both acute and delayed

- The ingestion of significant quantities may cause dry throat
- The ingestion of significant quantities may cause nausea/vomiting

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
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SECTION 5: Firefighting measures

5.1 Extinguishing media

SECTION 5: Firefighting measures (....)

- In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Substance evolves toxic fumes, wear self-contained breathing apparatus
 - Wear full protective clothing including chemical protection suit
 - Keep container(s) exposed to fire cool, by spraying with water
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with skin and eyes
- Keep people and animals away

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Contain spillage by any means possible

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Place in sealable container
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

- See Section 8 + 13
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Handle and open container with care
- Ensure adequate ventilation

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place

7.3 Specific end use(s)

- See Section 1.2
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

zinc oxide

WEL (long term): 5 mg/m³ (8 hour TWA)

WEL (short term): 10 mg/m³

zinc oxide

PNEC (Fresh water): 0.014 - 0.018 mg/l

PNEC (Marine water): 0.007 - 0.009 mg/l

PNEC (Sediment; fresh water): 147 - 182 mg/kg

PNEC (Sediment; marine water): 162 - 201 mg/kg

PNEC (Soil): 83 - 103 mg/kg

PNEC (STP): 0.1 - 0.125 mg/l

8.2 Exposure controls

SECTION 8: Exposure controls/personal protection (....)

- Wear suitable protective clothing, eye/face protection and gloves
 - No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Cream_paste
- Appearance: Grease
- Colour: White
- Odour: Odourless
- Melting point/Range: >93 °C
- Boiling Point/Range: >200 °C
- Flammability: Not flammable
- pH: Not applicable
- Solubility in water: Insoluble in water
- Density: 0.96
- Freezing point: -20 °C

9.2 Other information

- No information available
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SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat

10.5 Incompatible materials

- Avoid contact with acid
- Avoid contact with oxidising substances

10.6 Hazardous decomposition products

- Decomposition products may include toxic fumes
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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

zinc oxide

LD₅₀ (intraperitoneal, mouse): 240 mg/kg

LD₅₀ (oral, mouse): 7950 mg/kg

Skin corrosion/irritation

Based on the available data, the classification criteria are not met

Serious eye damage/irritation

SECTION 11: Toxicological information (....)

Based on the available data, the classification criteria are not met

Respiratory or skin sensitisation

Based on the available data, the classification criteria are not met

Germ cell mutagenicity

Based on the available data, the classification criteria are not met

Carcinogenicity

Based on the available data, the classification criteria are not met

Reproductive toxicity

Based on the available data, the classification criteria are not met

STOT (specific target organ toxicity) - single exposure

Based on the available data, the classification criteria are not met

STOT (specific target organ toxicity) - repeated exposure

Based on the available data, the classification criteria are not met

Aspiration hazard

Based on the available data, the classification criteria are not met

11.2 Information on other hazards

SECTION 12: Ecological information

Toxic to aquatic organisms

Toxic to soil organisms

12.1 Toxicity

zinc oxide

IC₅₀ (algae): 0.042 mg/l (72 hr)

EC₅₀ (daphnia): 0.098 mg/l (48 hr)

LC₅₀ (fish): 320 mg/l (96 hr)

12.2 Persistence and degradability

- Not readily biodegradable

12.3 Bioaccumulative potential

- Will bioaccumulate

12.4 Mobility in soil

- Insoluble in water
- This substance is poorly absorbed onto soils or sediments

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Common Delegated Regulation (EU) 2017/2010 or Common Regulation (EU) 2018/605 at a concentration equal or greater than 0.1%.

12.7 Other adverse effects

- No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
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SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number or ID number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not Classified

14.6 Special precautions for user

- Not Classified

14.7 Maritime transport in bulk according to IMO instruments

- No information available
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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- The CLP Regulations apply in the UK
- The COSHH Regulations apply in the UK
- Where UK Regulations are quoted, then for other nations the equivalent regulations should be identified
- Water Hazard Class (Company): 2

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out
 - This Safety Data Sheet does not constitute a workplace risk assessment
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

ATE = acute toxicity estimate

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging

DMEL = Derived Minimum Effect Level

DNEL = Derived No Effect Level

EC50 = Median effective concentration

ECB = European Chemicals Bureau

EEC = European Economic Community

EINECS = European Inventory of Existing Commercial Chemical Substances

SECTION 16: Other information (....)

ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

Due to major changes made, this Safety Data Sheet should be read entirely as new.

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 themselves as to the suitability of such information for their own particular use.