

Product Safety Data Sheet

(according to Regulation (EC) No. 453/2010)

1. Identification of the substance/mixture & of the company/undertaking

1.1 Product Identifier

Product name: TF2 ENDURANCE Ceramic Lubricant
Product No. : 03065 (100ml)

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

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

1.4 Emergency telephone number

Emergency phone number : (Office hours only Mon. – Fri 09.00 – 17.00): +44 (0) 1652 660000

2. Hazards Identification.

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008

Hazard Class	Hazard Category	Hazard Statements
None	None	None

The Full Text for all Hazard Statements are displayed in Section 16.

2.2 Label elements

2.2.1 Labelling according to Regulation (EC) No 1272/2008

Hazard Symbols: None Signal word: None Hazard Statements: None

Precautionary Statements: P102: Keep out of reach of children
P280: Wear protective gloves.

2.3 Other hazards

No other information is available

3. Composition/Information on Ingredients.

3.2 Mixtures

Hazardous ingredients:

Ingredient Name	Identifiers	Classification EC/1272/2008	%
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	EC – 265-155-0 CAS – 64742-52-5	Asp. Tox. 1: H304	70 – 90%

Non-classified ingredients:

Ingredient Name	Identifiers	Classification EC/1272/2008	%
DISTILLATES (PETROLEUM), SOLVENT REFINED, LIGHT NAPHTHENIC	EC – 265-098-1 CAS – 64741-97-5	-	10 – 30%
ZINC DIALKYL DITHIOPHOSPHATE	EC – 288-917-4 CAS – 85940-28-9	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411	<1

For the wording of the listed H statements, refer to section 16.

4. First Aid Measures.

4.1 Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Do not induce vomiting. Wash out mouth with water.
Inhalation: Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be vomiting and diarrhoea.
Inhalation: No symptoms.

4.3 Indication of immediate medical attention and special treatment needed

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Immediate / special treatment: Not applicable.

5. Fire Fighting Measures:

5.1 Extinguishing Media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes..

5.3 Advice for fire fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures.

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and materials for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

Refer to section 8 of SDS.

7. Handling and Storage.

7.1 Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

7.3 Specific end uses

To be used as a lubricant for bicycles.

8. Exposure Controls/Personal Protection.

8.1 Control parameters

Workplace exposure limits: No data available.

DNEL / PNEC No data available.

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

9. Physical and Chemical Properties.

9.1 Information on basic physical and chemical properties

State: Liquid

Colour: Brown

Odour: Characteristic odour

Evaporation rate: Not applicable.

Oxidising: Not applicable.

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Oily

Kinematic viscosity: >20.5

Viscosity test method: Kinematic viscosity in 10-6 m²/s at 40°C (ISO 3104/3105)

Boiling point/range°C: >100

Melting point/range°C: Not applicable.

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Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: >100

Part.coeff. n-octanol/water: Not applicable.

Autoflammability°C: >200

Vapour pressure: No data available.

Relative density: 0.855

pH: Not applicable.

VOC g/l: Not applicable.

9.2 Other Information

No data available.

10. Stability and Reactivity.

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

11. Toxicological Information.

11.1 Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be vomiting and diarrhoea.

Inhalation: No symptoms.

12. Ecological Information.

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Non-volatile. Readily absorbed into soil. Insoluble in water. Floats on water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

13. Disposal Recommendations.

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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14. Transport Information.

This product does not require a classification 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.

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.

1272/2008 - Classification, labelling and packaging of substances and mixtures and amendments.

Refer to the relevant EU/national regulation for details of any actions or restrictions required by the above Regulation(s)/Directive(s).

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

15.2 Chemical safety assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. Other Information.

Full text of H-Statements referred to under section 3

H304: May be fatal if swallowed and enters airways.

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.

Further Information

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy themselves that the product is entirely suitable for his purpose.