

Weldtite Product Safety Data Sheet

Complies with Directive 1907/2006/EC

1. Identification of Product & Company

Product name: Weldtite TF2 Extreme synthetic chain lubricant 75ml/125ml 03036/37
Intended Use: A synthetic lubricant for cycle drive chain systems
Company Name: Weldtite Products Ltd.,
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2 Hazard Identification

This product is not classified as dangerous according to the Dangerous Substances Directive 67/548/EEC

Classification: None

Risk Phrases: None

Health Hazard: Harmful, may cause lung damage if swallowed. Repeated exposure may cause skin dryness and cracking.

Environmental Hazards: Non-toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Physical/Chemical Hazards//Fire & Explosion Hazards:

Moderate hazard. Liquids and release vapours that can readily form flammable mixtures at temperatures at or above the flash point.

3. Composition / Information of Ingredients

Substance Name	EINECS No.	CAS No.	% Conc. Range	Hazard Symbols	Risk Phrases
Highly refined mineral oil	265-169-7	64742-65-0	>30	None	
C ₂₀ -C ₅₀ hydrotreated oil	276-738-4	72623-87-1	>30	None	
Polymerised fatty acid ester	265-169-7	64742-65-0	<50	None	
Glyceride alkyl ester mix.			<5		

4 First Aid Measures

General: In all cases of doubt or when any symptoms are persist seek medical attention.

Never give anything by mouth to an unconscious person.

Inhalation: Irritation of throat, coughing. Remove to fresh air.

Eye Contact: None. Wash with soap and water.

Skin Contact: Irritation, pain, redness. Wash with copious amounts of water.

Ingestion: Nausea. DO NOT INDUCE VOMITING. Wash out mouth with water and seek medical advice.

5 Fire Fighting Measures

Extinguishing Media:

Dry powder. Water fog. CO₂ and foam, DO NOT USE WATER. Use water spray to cool containers

Exposure hazards:

The substances arising from the thermal decomposition of this product will depend largely upon the conditions bringing about decomposition. Any of the following may be expected. Carbon Dioxide, Carbon Monoxide, Water, Particulate matter, Polycyclic Aromatic Hydrocarbons, Unburnt Hydrocarbons, Unidentified Organic and Inorganic compounds, Hydrogen Sulphide.

Protective Equipment:

For large fires consider fire tunics (EN469), wet leg trousers (EN469), Wellington boots (EN345 Part II 1996), helmet (EN443), flash hood (EN531), gloves (EN323), self-contained breathing apparatus (EN137), self-contained breathing apparatus with airline attachment (EN139).

6 Accidental release measures

Personal precautions:

Not classified as flammable but will support combustion. Remove sources of ignition. Protective equipment may include PVC, Neoprene or nitrile rubber gloves; rubber knee length safety boots and PVC jacket and trousers. Avoid contact with eyes and skin.

Environmental precautions:

If the product has contaminated any land it may require excavation of contaminated soil. If the product has entered a water course or stream use absorbent booms to prevent further contamination.

Clean-up procedures:

Large spills should be banded with dry earth or sand. The liquid should be reclaimed directly or in absorbent medium and then transferred to clearly marked containers and disposed of in accordance with local by-laws and the requirements of the Environmental Protection act. Small spills should be absorbed in a suitable material and disposed of as for large spills.

7 Storage & Handling

Handling:

Impervious gloves and overalls where regular contact is likely and goggles if there is a risk of splashing.

Recommended Procedures – avoid prolonged contact with skin.

Storage:

Keep at temperatures not exceeding 30-40°C. Protect from extremes of temperature and protect from ingress of contaminants by keeping the container closed or by maintaining a product seal around the cap.

8 Exposure Controls & Personal Protection

Respiratory Protection: Self-contained breathing apparatus must be available in case of emergency.

Hand Protection: Protective gloves made of PVC.

Eye Protection: Eye protection designed to protect against liquid splashes should be worn.

Skin Protection: Cotton or cotton/synthetic overalls or overalls are normally suitable.

9 Physical & Chemical properties

Physical State:	Gold-brown coloured liquid
Odour:	Perceptible
Acidity/Alkalinity:	not applicable
Initial boiling point:	>320°C
Pour Point:	-9°C
Flash Point:	>200°C
Vapour pressure @ 20°C	<0.1 k Pa
Relative density @ 15°C	0.880
Viscosity @ 40°C	62.9cSt
Viscosity @ 100°C	9.5cSt

10 Stability & Reactivity

Stability: Stable under normal conditions

Materials to avoid: Strong acids. Strong bases. Strong oxidising agents.

Hazardous Decomposition products: see section 5 – Special exposure hazards

11 Toxicological Information

Ocular: Not expected to be irritant, may cause some discomfort.

Dermal: Not expected to be irritant.

Inhalation: Inhalation of mists or vapours under normal conditions is not likely to present any hazard, however at elevated temperatures inhalation of mists or vapours may cause respiratory irritation.

Ingestion: Not expected to be toxic. DO NOT INDUCE VOMITING.

12 Ecological Information

Air: The product is a mixture of non-volatile components which are not expected to be released to air in any significant quantities.

Water: This product will form a floating layer on the surface and its components will not evaporate or dissolve to any great extent. Dissolved components will be absorbed in sediments. In aerobic waters and sediments they will biodegrade slowly, but in anaerobic conditions they will persist. The product is practically non-toxic to aquatic organisms but contains components which have a high potential to bio-accumulate.

Soil: Small volumes released on land will be absorbed in the upper soil layers and be biodegradable slowly. Large volumes may penetrate into anaerobic soil layers in which the product will persist and may reach the water table on which it will form a floating layer. The more soluble components may dissolve but their high soil adsorption coefficient and low solubility will prevent significant contamination of ground water.

13 Disposal Consideration

Waste disposal: Disposal should be dealt with only by qualified personnel familiar with the specific substance.
Mix or dissolve with a combustible material and burn in a chemical incinerator equipped with afterburners and scrubbers. Transfer to waste solvent drum for collection by specialist disposal company.

Disposal of packaging: Arrange for collection by specialised disposal company

14 Transport Information

Road/Rail

Designation NON HAZARDOUS

15 Regulatory Information

The product is not dangerous classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows.

Not dangerous for supply

Refer to special instructions/Safety data sheet

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health and safety legislation. The provisions of the Health & Safety at Work etc Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

16. Other Information

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemical (Hazard Information & Packaging) Regulations. The product should 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 environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.