

MATERIAL SAFETY DATA SHEET
Complies with Directive 1907/2006/EEC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & SUPPLIER

Product Name: Weldtite TF2 Lithium Grease 40g tube 02005 / 02025; 100g tub 03004; 3kg tin 03005
Intended Use: A Premium Quality Water Resistant White Lubricating Grease.
Supplier: Weldtite Products Ltd., Unit 9, Harrier Road, Humber Bridge Ind. Est.,
Barton-On-Humber, North Lincolnshire. DN18 5RP. UK
TEL: 00 44 1652 660000 FAX: 00 44 1652 660066
Emergency telephone no. (office hours only) : 01652 660000
e-mail: sales@weldtite.co.uk

2. HAZARD IDENTIFICATION:

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

MAIN HAZARDS: Not classified as hazardous

HEALTH EFFECTS – EYES: May cause slight transient irritation.

HEALTH EFFECTS – SKIN: Repeated or prolonged contact may lead to dermatitis.

On the basis of our knowledge of the highly refined mineral oils and the recommendations of the manufacturers of the additives used, Weldtite Lithium Grease is unlikely to be hazardous in normal use.

In the environment Weldtite Lithium Grease is likely to biodegrade slowly.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENTS	CAS No.	% Conc	Classification
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil	72623-87-1	>40	none
Zinc Oxide	68649-42-3	>1.5	N: R50/53

4. FIRST AID MEASURES

Ingestion: Wash mouth out with water. DO NOT induce vomiting because of the danger of aspiration. If aspiration occurs or is expected get immediate medical advice.

Skin contact: Wash skin as soon as possible with soap and water. Change contaminated clothing and launder before use.

Eye Contact: Wash out thoroughly with water. If redness and/or irritation continues get medical advice.

Inhalation: If inhalation of fumes irritates the nose or throat or causes coughing remove to fresh air. Get medical advice if irritation continues.

5. FIRE FIGHTING MEASURES

Extinguish with dry powder, foam, sand or earth. For small fires use CO2.

Do not tackle fires with water. Water may be used to cool the surrounding area.

Fires in closed or confined spaces should be tackled by trained personnel who should wear breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

May cause slippery surfaces.

Contain spillage - do not wash spillage down drain. Absorb using absorbent clay, sand or other suitable absorbent. Report any escape to public drainage or water courses to Local Authority and Fire Brigade.

7. HANDLING AND STORAGE

7.1 Handling:

PROTECTIVE EQUIPMENT:

HAND PROTECTION: PVC gloves
EYE PROTECTION: Wear approved safety goggles
BODY PROTECTION: Normal work wear
RESPIRATORY PROTECTION: Not normally required

7.2 Storage

Drums should be stored on their sides on racks preferably under cover, out of direct sunlight, in well ventilated conditions.

Other types of containers should be stored under cover out of direct sunlight in well ventilated conditions. Care should be taken to avoid over-stacking

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES: No specific measures necessary.

HAND PROTECTION; PVC gloves.

EYE PROTECTION; No specific measures necessary.

BODY PROTECTION; Normal work wear.

As with all mineral oil based products keep skin contact to a minimum and ensure good hygiene standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Grease
APPEARANCE:	White, Semi-solid, Odourless
DENSITY (KG/M3):	1.000
MELTING POINT (°C):	Melts above 150
FLASH POINT (PMCC) (°C):	> 150
AUTO-FLAMMABILITY (°C):	above 200.
WORKED PENETRATION @ 25°C:	290

10. STABILITY AND REACTIVITY

Conditions to Avoid - Excess heat can lead to decomposition of the constituent additives with evolution of oxides of carbon, sulphur, nitrogen, phosphorous.

Materials to Avoid - May react with strong oxidising materials.

Hazardous Decomposition Products - Oxides of carbon, sulphur, nitrogen, phosphorous, particulate matter, unburnt hydrocarbons, polycyclic hydrocarbons and unidentified organic and inorganic compounds. With incomplete combustion - carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Low order of acute toxicity. The mineral oils and other components of these oils may be considered not to be essentially toxic in normal handling.

12. ECOLOGICAL INFORMATION

MOBILITY: Non volatile. The product is poorly absorbed onto soils or sediments.

PERSISTENCE & DEGRADABILITY: Only slightly biodegradable.

BIO-ACCUMULATION: Product is not expected to bio-accumulate.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

UN CLASS: Not classified.

ADR/RID – CLASS: Not classified.

IMDG – CLASS: Not classified.

IATA – CLASS: Not classified.

15. REGULATORY INFORMATION

As far as is known not classified according to EEC Directives

HAZARD SYMBOLS: NONE

R PHRASES: NONE

S PHRASES: NONE

16. OTHER INFORMATION

Do not mix with other chemicals.

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.