

MATERIAL SAFETY DATA SHEET

Complies with Directive 1907/2006/EEC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & SUPPLIER

Product Name: Weldtite 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:

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:

HAZARDOUS INGREDIENTS:-	CAS No.	CONCENTRATION	CLASSIFICATION
Zinc Oxide	1314-13-2	2 %	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

Disposal - by incineration or by methods approved by Local Authority.

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.

EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to Dangerous Preparations Directive – 2001/58/EC. EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.

Legal Disclaimer:

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 himself that the product is entirely suitable for this purpose.