

SAFETY DATA SHEET

Conforms to regulation (EC) No 1907/2006/EC, (REACH) Annex II

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ASSEMBLY GREASE

Revision 5
Revision date 01-07-15

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

1.1. Product identifier

Product name	Assembly Grease
Product code	

1.3. Details of the supplier of the safety data sheet

Company	Fenwick's Limited
Address	Unit C1 Wem Industrial Estate Soulton Road Wem Shropshire SY4 5SD England
Web	www.fenwicks.info
Telephone	+44 (0)1939 234622
Fax	+44 (0)1939 393325
Email	info@fenwicks.info

1.4. Emergency Telephone Number

Emergency Tel Number	07766 706294
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification – EC 1272/2008	Not Classified
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2.2. Label elements

Hazard pictograms	N/A
Signal Word	N/A
Hazard Statement	N/A
Precautionary Statement Prevention	P102 – Keep out of reach of children P210 - Keep away from heat/sparks/open flames/hot surfaces – No Smoking P264 – Wash thoroughly after handling P273 – Avoid release to the environment P280 – Wear protective gloves/protective clothing/eye protection/face protection
Precautionary Statement Response	P301 +P310 If swallowed: Immediately call a POISON CENTRE or Doctor/Physician P302+P352 IF ON SKIN: wash with plenty of soap and water. P331 DO NOT induce vomiting P405 Store Locked up

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Precautionary Statement Disposal	P303+P361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P501 – Dispose of contents/container in accordance with local/regional/national/international regulation
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Not Classified

Blend of mineral oils with multifunctional additives

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
Zinc Dialkyldithiophosphate		68649-42-3		01-2119493635-27	0.1-10%	Skin Irrit 2 H315 Eye Dam 1 H318 Aquatic Chronic 2 H411

The mineral oil contains less than 3% DMSO extract as measured by IP 346

SECTION 4: First aid measures

General Information

Not expected to be a health hazard when used under normal conditions

4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye Contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin Contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Use extinguishing media appropriate to the surrounding fire conditions. DO NOT USE water in a jet
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes. Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gasses (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.
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5.3. Advice for firefighters

	Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space
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SECTION 6: Accidental release measures

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Slippery when spilt. Avoid accidents, clean up immediately. Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly

6.4. Additional Advice

Local authorities should be advised if significant spillages cannot be contained

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

Avoid direct contact, prolonged or repeated contact with skin. Avoid inhaling vapour and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a cool, well-ventilated place. Use properly labelled and closable containers. Storage temperature: 0-50 degrees Centigrade / 32 -122 degrees Fahrenheit.

SECTION 8: Exposure controls/personal protection

8.1 Protective Equipment



Hand Protection	PVC gloves
Eye Protection	Wear approved safety goggles
Body Protection	Normal work wear
Respiratory Protection	Not normally required

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8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Adequate ventilation to control airborne concentrations. Where material is heated, sprayed or mist formed, there is greater potential for airborne concentrations to be generated.
8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing. Wear suitable protective equipment. Apply a barrier cream before handling the product.
Eye / face protection	Wear safety glasses or full face shield if splashes are likely to occur. Approved to EU Standard EN166
Skin protection - Hand protection	Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, and dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended.
Respiratory protection	No respiratory protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material. If engineering controls do not maintain airborne health select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for combined particulate/organic gases and vapours [boiling point >65 deg.C (149 deg.F)] meeting EN141.
Occupational exposure controls	Keep away from food, drink and animal feeding stuffs.
Environmental Exposure Controls:	Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Smooth grease
Colour	Brown
Odour	Odourless
PH	Neutral
Melting point (°C)	>200
Flash point (PMCC) (°C)	>200
Relative Density	0.82 – 0.85 @15.6 °C
Solubility in oil	Soluble
Solubility in water	Insoluble
Auto ignition temperature (°C)	>200
Viscosity	No data

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SECTION 10: Stability and reactivity

10.2. Chemical stability

Material is normally stable at moderately elevated temperatures and pressures

10.6. Hazardous decomposition products

Avoid contact with reactive chemicals. Smoke, carbon monoxide, aldehydes and other products of incomplete combustion. Hydrogen sulphide and alkyl mercaptans and sulphides may also be released.

SECTION 11: Toxicological information

11.1. Toxicological Information

Eye Irritation	Not expected to cause eye irritation. Based on data from components or similar materials
Skin Irritation	Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, defatting and cracking of the skin.
Respiratory Irritation	If material is misted or if vapours are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components and similar materials.
Dermal Toxicity	Fumes or vapour from heated polymer may be toxic and/or irritating to eyes, skin, mucous membrane and respiratory tract. The LD50 in rabbits is >2000 mg/Kg. Based on data from components or similar materials.
Inhalation Toxicity	No data available to indicate product or components may be a toxic inhalation hazard.
Oral Toxicity	The LD50 in rats is >5000 mg/Kg. Based on data from components or similar materials.
Dermal Sensitisation	No data available to indicate product or components may be a skin sensitizer..
Inhalation Sensitisation	No data available to indicate product or components may be respiratory sensitizers.

11.2. Chronic Exposure

Chronic Toxicity	No data available to indicate product or components present at greater than 1% are chronic health hazards
Carcinogenicity	This product is formulated with mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractable by the IP 346 test.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic
Reproductive Toxicity	No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity
Teratogenicity	No data available to indicate product or any components contained at greater than 0.1% may cause birth defects
Other	No other health hazards known

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SECTION 12: Ecological information

12.1. Toxicity

Not classified.

12.2. Persistence and degradability

Only slightly biodegradable.

12.3. Bio-Accumulation Potential

Product is not expected to bio-accumulate.

12.4. Mobility in soil

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

12.5. Results of PBT or vPvB Assessment

Not present.

SECTION 13: Disposal considerations

General Information

Product Disposal	Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in compliance with all local and national regulations.
Hazardous Waste	Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC

SECTION 14: Transport information

Further Information

The product is not classified as dangerous for carriage.
ICAO/IATA: Not regulated.
IMDG (Ambient): Not regulated.
IMDG (Elevated): Not regulated.
IMDG EMS: Not applicable.
IMDG MFAG: Not applicable.
IMO Marine Bulk: Not determined.
USCG Compatibility: Not determined.
ADR/RID (Ambient): Not regulated.
ADR/RID (Elevated): Not regulated

SECTION 15: Regulatory information

Labelling

Indication of Danger	Not classified as hazardous for supply, in accordance with EU legislation. EU: All components are in compliance with the EC Seventh amendment Directive 92/32/EEC.
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SECTION 16: Other information

Other Information

Approved Codes of Practice:	Waste Management. The Duty of Care. Guidance Notes: Occupational skin diseases: health and safety precautions (EH 26) Occupational exposure limits (EH 40) The carcinogenicity of mineral oils (EH 58) Skin cancer caused by oil (MS(B)5) Save your skin! - Occupational Contact Dermatitis (MS(B)6) Dermatitis - cautionary notice (SHW 367) Effects of mineral oil on the skin (SHW 397) The above publications are available from HMSO and HSE Sources.
Revision	This document differs from the previous version in the following areas: 2 – Other hazards.
Text of Hazard Statements in Section 3	Skin Irrit 2 H315 - Causes skin irritation Eye Dam 1 H318 - Causes serious eye damage Aquatic Chronic 2 H411 - Toxic to aquatic life with long-lasting effects

Further Information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.
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Legal Disclaimer

	The purpose of the above information is to describe the products only in terms of health and safety requirements. The information given should not, therefore, be construed as guaranteeing specific properties or as specification. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.
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