SAFETY DATA SHEET
MULTI-PURPOSE GREASE

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name
MULTI-PURPOSE GREASE

Product No.
MPG, EMPG50T, ZE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Grease

Uses advised against
At this moment in time we do not have information on use restrictions. They will be included in this safety data sheet when available

1.3. Details of the supplier of the safety data sheet

Supplier
ELECTROLUBE. A division of HK WENTWORTH LTD
ASHBY PARK, COALFIELD WAY,
ASHBY DE LA ZOUCH, LEICESTERSHIRE
LE65 1JR
UNITED KINGDOM
+44 (0)1530 419600
+44 (0)1530 416640
info@hkw.co.uk

1.4. Emergency telephone number

+44 (0)1530 419600 between 8.30am - 5.00pm GMT  Mon – Fri

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards
Not classified.

Human health
Not classified.

Environment
Not classified.

Classification (1999/45/EEC)

Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health
Prolonged or repeated exposure may cause severe irritation.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008
No pictogram required.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition Comments
NON HAZARDOUS INGREDIENTS 100%
SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
Not relevant

Ingestion
Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

Skin contact
Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

Eye contact
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact
Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media
Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards
No unusual fire or explosion hazards noted.

Specific hazards
The product is non-combustible. If heated, harmful vapours may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures
Use water to keep fire exposed containers cool and disperse vapours. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures.

Protective equipment for firefighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Get medical attention if any discomfort continues.
7.2. Conditions for safe storage, including any incompatibilities
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

Storage Class
Unspecified storage.

7.3. Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments
WEL = Workplace Exposure Limits

8.2. Exposure controls

Process conditions
Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

Engineering measures
All handling to take place in well-ventilated area.

Hand protection
Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Gloves should conform to EN374

Eye protection
If risk of splashing, wear safety goggles or face shield. EN166

Other Protection
Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures
DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Environmental Exposure Controls
Keep container tightly sealed when not in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Grease</td>
</tr>
<tr>
<td>Colour</td>
<td>Beige.</td>
</tr>
<tr>
<td>Odour</td>
<td>Mild.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Initial boiling point and boiling range (°C)</td>
<td>&gt;316 (600 F)</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.910</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>&lt;0.1 mm Hg 20 (68 F)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>@ °c</td>
</tr>
<tr>
<td>Flash point (°C)</td>
<td>230 (446 F) CC (Closed cup).</td>
</tr>
<tr>
<td>Auto Ignition Temperature (°C)</td>
<td>&gt; 300 (572 F)</td>
</tr>
<tr>
<td>Flammability Limit - Lower(%)</td>
<td>0.9</td>
</tr>
<tr>
<td>Flammability Limit - Upper(%)</td>
<td>7.0</td>
</tr>
<tr>
<td>Partition Coefficient (N-Octanol/Water)</td>
<td>&gt;3.5</td>
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</tbody>
</table>

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
There are no known reactivity hazards associated with this product.
10.2. Chemical stability
Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions
Not known.

Hazardous Polymerisation
Will not polymerise.

10.4. Conditions to avoid
Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid
No specific, or groups of materials are likely to react to produce a hazardous situation.

10.6. Hazardous decomposition products
Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Toxicological information
No information available.

Other Health Effects
This substance has no evidence of carcinogenic properties.

Ingestion
Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Nausea, vomiting.

Health Warnings
No specific health warnings noted. No specific acute or chronic health impact noted, but this chemical may still have adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Not regarded as dangerous for the environment.

12.1. Toxicity

12.2. Persistence and degradability
Degradability
There are no data on the degradability of this product.

12.3. Bioaccumulative potential
Bioaccumulative potential
No data available on bioaccumulation.

Partition coefficient (log Kow) >3.5

12.4. Mobility in soil
Mobility:
The product contains substances, which are insoluble in water and which may spread on water surfaces.

12.5. Results of PBT and vPvB assessment
This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects
Not available.
13.1. Waste treatment methods
 Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

<table>
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<tr>
<th>General</th>
<th>The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).</th>
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<tbody>
<tr>
<td>Road Transport Notes</td>
<td>Not Classified</td>
</tr>
<tr>
<td>Rail Transport Notes</td>
<td>Not classified.</td>
</tr>
<tr>
<td>Sea Transport Notes</td>
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</tr>
<tr>
<td>Air Transport Notes</td>
<td>Not classified.</td>
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</table>

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport Labels
 No transport warning sign required.

14.4. Packing group

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
 No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Statutory Instruments

Guidance Notes
 Workplace Exposure Limits EH40.

EU Legislation

Authorisations (Title VII Regulation 1907/2006)
 No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006)
 No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment
No chemical safety assessment has been carried out.

<table>
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<tr>
<th>Issued By</th>
<th>Helen O'Reilly</th>
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</thead>
<tbody>
<tr>
<td>Revision Date</td>
<td>APRIL 2013</td>
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<tr>
<td>Revision</td>
<td>7</td>
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Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.