SAFETY DATA SHEET
SILICONE GREASE COMPOUND

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

1.1. Product identifier
Product name: SILICONE GREASE COMPOUND
Product No.: SCO-b, ESCO35SL, ESCO01K, 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: Not classified.
Hazard: 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.

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
Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.

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.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat Symptomatically.

---

**SECTION 5: FIREFIGHTING MEASURES**

**5.1. Extinguishing media**

Extinguishing media
This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**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
No specific fire fighting procedure given.

Protective equipment for fire-fighters
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.

**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.
SILICONE GREASE COMPOUND

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
No exposure limits noted for ingredient(s).

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>Colourless</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.00 @ 15 °c (59 F)</td>
</tr>
<tr>
<td>Viscosity</td>
<td>@ °c</td>
</tr>
<tr>
<td>Flash point (°C)</td>
<td>300 (572 F) CC (Closed cup).</td>
</tr>
</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.

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.

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.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

14.2. UN proper shipping name
14.3. Transport hazard class(es)

ADR/RID/ADN Class
Not classified for transportation.

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 MARPOL 73/78 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 1907/2008)
No specific restrictions of use are noted for this product.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued By
Helen O'Reilly

Revision Date
APRIL 2013

Revision
6

SDS No.
10545

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.
SAFETY DATA SHEET
SILICONE GREASE COMPOUND AEROSOL

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

1.1. Product identifier
Product name: SILICONE GREASE COMPOUND AEROSOL
Product No.: SCO-a, ESCO200D, ZE

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

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: Flam. Aerosol 1 - H222
Human health: EUH066;STOT SE 3 - H336
Environment: Aquatic Chronic 2 - H411

Classification (1999/45/EEC)
The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Environment
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Dispose of waste and residues in accordance with local authority requirements.

Physical and Chemical Hazards
Aerosol containers can explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

2.2. Label elements
Label In Accordance With (EC) No. 1272/2008
Hazard Statements

H222 Extremely flammable aerosol.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Supplementary Precautionary Statements

P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P261 Avoid breathing vapour/spray.
P410+412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<table>
<thead>
<tr>
<th>PENTANE</th>
<th>60-80%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.: 109-66-0</td>
<td></td>
</tr>
<tr>
<td>EC No.: 203-692-4</td>
<td></td>
</tr>
<tr>
<td>Registration Number: 01-2119459286-30</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification (EC 1272/2008)</th>
<th>Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq. 2 - H225</td>
<td>F+;R12</td>
</tr>
<tr>
<td>EUH066</td>
<td>Xn;R65</td>
</tr>
<tr>
<td>STOT SE 3 - H336</td>
<td>R66</td>
</tr>
<tr>
<td>Asp. Tox. 1 - H304</td>
<td>R67</td>
</tr>
<tr>
<td>Aquatic Chronic 2 - H411</td>
<td>N;R51/53</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROPAN-2-OL</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS-No.: 67-63-0</td>
<td></td>
</tr>
<tr>
<td>EC No.: 200-651-7</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification (EC 1272/2008)</th>
<th>Classification (67/548/EEC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq. 2 - H225</td>
<td>F;R11</td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td>Xi;R36</td>
</tr>
<tr>
<td>STOT SE 3 - H336</td>
<td>R67</td>
</tr>
</tbody>
</table>

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

Composition Comments

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion
Immediately rinse mouth and provide fresh air.

Skin contact
Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media
Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

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
Aerosol cans may explode in a fire.

Specific hazards
The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Aerosol containers can explode when heated, due to excessive pressure build-up.

5.3. Advice for firefighters

Special Fire Fighting Procedures
Move container from fire area if it can be done without risk.

Protective equipment for fire-fighters
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

Do not 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. Ventilate well.

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. The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See section 12 as well. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Provide good ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area.

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

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PENTANE</td>
<td>WEL</td>
<td>600 ppm</td>
<td>1800 mg/m3</td>
<td></td>
</tr>
<tr>
<td>PROPAN-2-OL</td>
<td>WEL</td>
<td>400 ppm</td>
<td>999 mg/m3</td>
<td>500 ppm 1250 mg/m3</td>
</tr>
</tbody>
</table>

3 / 9
**SILICONE GREASE COMPOUND AEROSOL**

WEL = Workplace Exposure Limit.

### PENTANE (CAS: 109-66-0)

<table>
<thead>
<tr>
<th></th>
<th>Industry</th>
<th>Dermal</th>
<th>Long Term</th>
<th>Systemic Effects</th>
<th>432 mg/kg/day</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Consumer</td>
<td>Oral</td>
<td>Long Term</td>
<td>Systemic Effects</td>
<td>214 mg/kg/day</td>
</tr>
<tr>
<td></td>
<td>Consumer</td>
<td>Dermal</td>
<td>Long Term</td>
<td>Systemic Effects</td>
<td>214 mg/kg/day</td>
</tr>
</tbody>
</table>

**PNEC**

<table>
<thead>
<tr>
<th></th>
<th>Water</th>
<th>0.23 mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sediment</td>
<td>1.2 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Soil</td>
<td>0.55 mg/kg</td>
</tr>
<tr>
<td></td>
<td>STP</td>
<td>3.6 mg/l</td>
</tr>
</tbody>
</table>

### PROPAN-2-OL (CAS: 67-63-0)

<table>
<thead>
<tr>
<th></th>
<th>Industry</th>
<th>Dermal</th>
<th>888 mg/kg/day</th>
<th>Industry</th>
<th>Inhalation</th>
<th>500 mg/m³</th>
<th>Industry</th>
<th>Dermal</th>
<th>319 mg/kg/day</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Consumer</td>
<td>Inhalation</td>
<td>89 mg/m³</td>
<td>Consumer</td>
<td>Oral</td>
<td>26 mg/kg/day</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PNEC**

<table>
<thead>
<tr>
<th></th>
<th>Freshwater</th>
<th>140.9 mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Marinewater</td>
<td>140.9 mg/l</td>
</tr>
<tr>
<td></td>
<td>Sediment</td>
<td>552 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Soil</td>
<td>28 mg/kg</td>
</tr>
</tbody>
</table>

### 8.2. Exposure controls

**Process conditions**

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

**Engineering measures**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**Respiratory equipment**

If ventilation is insufficient, suitable respiratory protection must be provided. It is recommended to use respiratory equipment with combination filter, type A2/P2. EN14387

**Hand protection**

Protective gloves must be used if there is a risk of direct contact or splash. 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 of nitrile rubber, PVA or Viton are recommended. Gloves should conform to EN374

**Eye protection**

Wear approved chemical safety goggles where eye exposure is reasonably probable. EN166

**Other Protection**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**Hygiene measures**

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

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

- **Appearance**: Aerosol. Liquid
- **Colour**: Colourless.
- **Odour**: Characteristic.
- **Solubility**: Immiscible with water
- **Initial boiling point and boiling range (°C)**: >35 (95 F)
- **Melting point (°C)**: -50 (-58 F)
- **Relative density**: 0.720 @ 20 ºc
- **Bulk Density**: 720 kg/m³
- **Vapour pressure**: 5.20 kPa @ 20 ºc (68 F)
- **Flash point (°C)**: -48 (-54.4 F) CC (Closed cup).
- **Auto Ignition Temperature (°C)**: 309 (588.2 F)
- **Flammability Limit - Lower(%)**: 1.4
9.2. Other information

Volatile Description
Volatile

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No specific reactivity hazards associated with this product.

10.2. Chemical stability
Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions
Not available.

10.4. Conditions to avoid
Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials To Avoid
Strong alkalis. Strong acids.

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

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

Inhalation
May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

Skin contact
Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin. Prolonged or repeated exposure may cause severe irritation.

Eye contact
Irritating to eyes.

Route of entry
Inhalation.

Toxicological information on ingredients.
SILICONE GREASE COMPOUND AEROSOL  
PENTANE (CAS: 109-66-0)  

Toxic Dose 1 - LD 50  
>2000 mg/kg (oral rat)  
Toxic Dose 2 - LD 50  
446 mg/kg (ivn-mouse)  
Toxic Conc. - LC 50  
364, 000 mg/m3/30h (inh-rat)  

Acute toxicity:  
Acute Toxicity (Oral LD50)  
> 2000 mg/kg  
Acute Toxicity (Inhalation LC50)  
> 40 mg/l (vapours) Rat 4 hours  

PROrán-2-OL (CAS: 67-63-0)  

Acute toxicity:  
Acute Toxicity (Oral LD50)  
5280 mg/kg Rat  
Acute Toxicity (Dermal LD50)  
12800 mg/kg Rabbit  
Acute Toxicity (Inhalation LC50)  
72.6 mg/l (vapours) Rat 4 hours  

SECTION 12: ECOLOGICAL INFORMATION  

Ecotoxicity  
Dangerous for the environment if discharged into watercourses.  

12.1. Toxicity  

Ecological information on ingredients.  

PENTANE (CAS: 109-66-0)  

Acute Toxicity - Fish  
LC50 < 10 mg/l  
LC50 96 hours 4.26 mg/l Onchorhynchus mykiss (Rainbow trout)  
EC50 < 10 mg/l Daphnia magna  
Acute Toxicity - Aquatic Plants  
EC50 72 hours 10.7 mg/l Freshwater algae  
NOEC 72 hours 7.51 mg/l Freshwater algae  
EC50 > 100 mg/l  

PROrán-2-OL (CAS: 67-63-0)  

Acute Toxicity - Fish  
LC50 96 hours 9640 mg/l Pimephales promelas (Fat-head Minnow)  
Acute Toxicity - Aquatic Invertebrates  
EC50 48 hours 13299 mg/l Daphnia magna  
Acute Toxicity - Aquatic Plants  
EC50 72 hours > 1.000 mg/l Scenedesmus subspicatus  
Acute Toxicity - Microorganisms  
EC50 > 1.000 mg/l Activated sludge  

12.2. Persistence and degradability  

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

Ecological information on ingredients.  

PENTANE (CAS: 109-66-0)  

Degradability  
The product is easily biodegradable. The product is degraded completely by photochemical oxidation.
12.3. Bioaccumulative potential

Bioaccumulative potential
No data available on bioaccumulation.

**PENTANE (CAS: 109-66-0)**

Ecological information on ingredients.

12.4. Mobility in soil

**PENTANE (CAS: 109-66-0)**

Ecological information on ingredients.

Mobility:
The product is insoluble in water and will spread on the water surface.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

**PENTANE (CAS: 109-66-0)**

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

**PENTANE (CAS: 109-66-0)**

Ecological information on ingredients.

Not available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### General

This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1litre packed in cartons of less than 30kg gross to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed must show the following

### 14.1. UN number

<table>
<thead>
<tr>
<th>UN No. (ADR/RID/ADN)</th>
<th>UN No. (IMDG)</th>
<th>UN No. (ICAO)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1950</td>
<td>1950</td>
<td>1950</td>
</tr>
</tbody>
</table>

### 14.2. UN proper shipping name

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEROSOLS (PENTANE)</td>
</tr>
</tbody>
</table>

### 14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th>ADR/RID/ADN Class</th>
<th>ADR/RID/ADN Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Class 2: Gases</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADR Label No.</th>
<th>IMDG Class</th>
<th>ICAO Class/Division</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.1</td>
<td>2.1</td>
<td>2.1</td>
</tr>
</tbody>
</table>
14.4. Packing group

ADR/RID/ADN Packing group  N/A
IMDG Packing group  N/A
ICAO Packing group  N/A

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

14.6. Special precautions for user

EMS  F-D, S-U
Tunnel Restriction Code  (D)

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

Not applicable.

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.
SECTION 16: OTHER INFORMATION

Issued By
Helen O'Reilly

Revision Date
APRIL 2013

Revision
7

SDS No.
10544

Risk Phrases In Full
R12 Extremely flammable.
R65 Harmful: may cause lung damage if swallowed.
R11 Highly flammable
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 Vapours may cause drowsiness and dizziness.

Hazard Statements In Full
EUH066 Repeated exposure may cause skin dryness or cracking.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

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.