SAFETY DATA SHEET

Superdispersant-25

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

1.1 Product identifier

SUPERDISPERSANT-25 (UK MCAA 2009, CEDRE France and ROPME Approved)

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

1.3 Details of the supplier of the safety data sheet

Company name: Oil Slick Dispersants Ltd
Beck Cottage
Main Street
Elvington
YO41 4AG

Tel: 01904 607910
Fax: 01904 607911
E-mail: jenny@oilslickdispersants.co.uk

1.4 Emergency telephone number

As above

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification under CHIP: Xi R36/38
Classification under CLP: Eye Irrit. 2: H319; Skin Irrit. 2: H315
Most important adverse effects: Irritating to eyes and skin

2.2 Label elements

Label elements under CLP:

Hazard statements: H315: Causes skin irritation
H319: Causes serious eye irritation

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark

Precautionary statements:
P264: Wash skin thoroughly after handling
P337+313: If eye irritation persists: Get medical attention.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 +313: If skin irritation occurs: Get medical advice.
P362: Take off contaminated clothing and wash before re-use.
Label elements under CHIP:

Hazard symbols: Irritant

Risk phrases: R36/38 Irritating to eyes and skin.

2.3 Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients:

2-BUTOXYETHANOL

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>203-905-0</td>
<td>111-76-2</td>
<td>Xn: R20/21/22; Xi: R36/38</td>
<td>Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4 H302; Eye Irrit.2; H319; Skin Irrit. 2: H315</td>
<td>10-30%</td>
</tr>
</tbody>
</table>

DIOCTYL SULPHOSUCCINATE

<table>
<thead>
<tr>
<th>EINECS</th>
<th>CAS</th>
<th>CHIP Classification</th>
<th>CLP Classification</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>577-11-7</td>
<td>Xn: R22; Xi: R36//37</td>
<td>Acute Tox. 4: H302; STOT SE 3: H335; Eye Irrit.2; H319; Skin Irrit. 2: H315</td>
<td>1-10%</td>
</tr>
</tbody>
</table>

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one’s own safety whilst doing so. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

4.3 Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1 Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs to prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain spillage using bunding.

6.3 Methods and material for containment and cleaning up

Clean up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

Section 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure that there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of
mists in the air.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.
Suitable packaging: Corrosion resistant bulk tanks. IBC. Steel drums.

7.3 Specific end use(s)

Section 8: Exposure controls/personal protection

8.1 Control parameters

Hazardous ingredients:

2-BUTOXYETHANOL

Workplace exposure limits: 

<table>
<thead>
<tr>
<th>State</th>
<th>8 hour TWA</th>
<th>15 min. STEL</th>
<th>Respirable dust</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>25ppm</td>
<td>50ppm</td>
<td>-</td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation in the area.
Respiratory measures: Self-contained breathing apparatus must be available in case of emergency
Hand protection: Protective gloves.
Eye protection: Safety glasses. Ensure eye bath is to hand.
Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Liquid
Colour: Amber
Odour: Mild
Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Soluble
Viscosity: Viscous
Flash point °C: 68
pH: 5.5 – 7.5
Relative density: 0.95-1.05

9.2 Other information

Other information: Not applicable.
Section 10: Stability and reactivity

10.1 Reactivity
Reactivity: Stable under recommended transport or storage conditions.

10.2 Chemical Stability
Chemical Stability: Stable under normal conditions.

10.3 Possibility of hazardous reactions
Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4 Conditions to avoid
Conditions to avoid: Heat

10.5 Incompatible materials
Materials to avoid: Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products
Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1 Information on toxicological effects

Relevant effects for mixture:

<table>
<thead>
<tr>
<th>Effect</th>
<th>Route</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irritation</td>
<td>OPT DRM</td>
<td>Hazardous: calculated</td>
</tr>
</tbody>
</table>

Symptoms/routes of exposure:

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness. The eyes may water profusely.
Ingestion: There may be soreness and redness of the mouth and throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Section 12: Ecological information

12.1 Toxicity
Ecotoxicity values: Not applicable

12.2 Persistence and degradability
Persistence and degradability: Biodegradable
12.3 Bioaccumulative potential

Bioaccumulative potential: No bioaccumulative potential

12.4 Mobility in soil

Mobility: Readily absorbed in soil.

12.5 Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6 Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of packaging by an approved waste contractor only.

NB: The user’s attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class:: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2 Chemical safety assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010
Phrases used in s.2 and 3:
- H302: Harmful if swallowed.
- H312: Harmful in contact with skin.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H335: May cause respiratory irritation.
- R20/21/22: Harmful by inhalation, in contact with skin and if swallowed
- R22: Harmful if swallowed.
- R36/37/38: Irritating to eyes, respiratory system and skin.
- R36/38: Irritating to eyes and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.