SAFETY DATA SHEET
DISPERSE

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

1.1. Product identifier

Product name: DISPERSE
Product number: A099 EV
Internal identification: Janitorial

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

Identified uses: Degreasing and emulsifying fat in drains, grease traps and outlet pipes.

1.3. Details of the supplier of the safety data sheet

Supplier: Evans Vanodine International
Brierley Road
Walton Summit
Preston. UK. PR5 8AH
Tel: 01772 322 200
Fax: 01772 626 000
qclab@evansvanodine.co.uk

1.4. Emergency telephone number

Emergency telephone: New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri. (Also available 24/7 from our website www.evansvanodine.co.uk) Technical Advice - 8.30am to 4.45pm - 01772 318 818 - Mon to Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)
Physical hazards: Not Classified
Environmental hazards: Aquatic Chronic 2 - H411

2.2. Label elements

Pictogram

Signal word: Danger
Hazard statements: H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.
DISPERSE

Precautionary statements
P102 Keep out of reach of children.
P261 Avoid breathing vapours.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P315 Get immediate medical advice/ attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with local regulations.

Contains
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSINE - UNSPECIFIED, ORANGE TERPENES

2.3. Other hazards
This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>CAS number: 64742-47-8</th>
<th>EC number: 265-149-8</th>
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<tr>
<td><strong>DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSINE - UNSPECIFIED</strong></td>
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<td>Classification</td>
<td>Asp. Tox. 1 - H304</td>
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<table>
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<tr>
<th>CAS number: 8028-48-6</th>
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<tr>
<td><strong>ORANGE TERPENES</strong></td>
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<tr>
<td>Classification</td>
<td>Flam. Liq. 3 - H226</td>
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<tr>
<td></td>
<td>Skin Irrit. 2 - H315</td>
</tr>
<tr>
<td></td>
<td>Skin Sens. 1 - H317</td>
</tr>
<tr>
<td></td>
<td>Asp. Tox. 1 - H304</td>
</tr>
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<td></td>
<td>Aquatic Chronic 2 - H411</td>
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<td><strong>MONOISOPROPYLAMINE DOECYLBENZENESULPHONATE</strong></td>
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<td>REACH registration number: 01-2119985163-33-0000</td>
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<tr>
<td>Classification</td>
<td>Skin Irrit. 2 - H315</td>
</tr>
<tr>
<td></td>
<td>Eye Irrit. 2 - H319</td>
</tr>
</tbody>
</table>
DISPERSE

COCONUT DIETHANOLAMIDE  
CAS number: 68603-42-9  
EC number: 271-657-0  
REACH registration number: 01-2119490100-53-0000  

0.1-1%

Classification
Skin Irrit. 2 - H315  
Eye Dam. 1 - H318  
Aquatic Chronic 2 - H411

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention immediately.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.

Skin contact: Wash with plenty of water. Get medical attention promptly if symptoms occur after washing.

Eye contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention immediately.

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

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: Irritation of nose, throat and airway.

Ingestion: May cause stomach pain or vomiting.

Skin contact: Causes skin irritation. Prolonged skin contact may cause redness and irritation.

Eye contact: Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.

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

Notes for the doctor: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards: Thermal decomposition or combustion products may include the following substances: irritating gases or vapours.

5.3. Advice for firefighters

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
DISPERSE

**Personal precautions**
Wear protective clothing, gloves, eye and face protection. For personal protection, see Section 8.

**6.2. Environmental precautions**
Environmental precautions
Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

**6.3. Methods and material for containment and cleaning up**
Methods for cleaning up
Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

**6.4. Reference to other sections**
Reference to other sections
For personal protection, see Section 8.

### SECTION 7: Handling and storage

**7.1. Precautions for safe handling**
Usage precautions
Wear protective clothing, gloves, eye and face protection. Avoid breathing vapours.

**7.2. Conditions for safe storage, including any incompatibilities**
Storage precautions
Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials.

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

Usage description
See Product Information Sheet & Label for detailed use of this product.

### SECTION 8: Exposure Controls/personal protection

**8.1. Control parameters**
Ingredient comments
No exposure limits known for ingredient(s).

**8.2. Exposure controls**
Protective equipment
Appropriate engineering controls
This product must not be handled in a confined space without adequate ventilation.

Eye/face protection
Wear eye protection.

Hand protection
Wear protective gloves. (Household rubber gloves.)

Other skin and body protection
Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection
Respiratory protection not required.

### SECTION 9: Physical and Chemical Properties

**9.1. Information on basic physical and chemical properties**
Appearance
Liquid.

Colour
Clear. Light (or pale). Yellow.
DISPERSE

Odour  Citrus.
pH  Not applicable.
Melting point  < 0°C
Initial boiling point and range  175 - 250°C @ 760 mm Hg
Flash point  Boils without flashing.
Relative density  0.830 @ 20°C
Solubility(ies)  Forms an emulsion with water.

9.2. Other information
Other information  None.

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity  There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stability  No particular stability concerns.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions  See sections 10.1, 10.4 & 10.5

10.4. Conditions to avoid
Conditions to avoid  There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials
Materials to avoid  No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products
Hazardous decomposition products  No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicological effects  We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Acute toxicity - oral
Notes (oral LD₅₀)  Based on available data the classification criteria are not met.
ATE oral (mg/kg)  2,544.99143558

SECTION 12: Ecological Information

Ecotoxicity  Toxic to aquatic life with long lasting effects.

12.1. Toxicity
DISPERSE

**Toxicity**
We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

### 12.2. Persistence and degradability

**Persistence and degradability**
This product, at use dilutions, is readily broken down in biological effluent treatment plants.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential**
The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

**Mobility**
Not known.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment**
This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects**
Not known.

#### SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Disposal methods**
Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

#### SECTION 14: Transport information

**General**
Supplied in pack sizes that are Not Classified for Transport.

**14.1. UN number**

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

**14.4. Packing group**

**14.5. Environmental hazards**

**14.6. Special precautions for user**

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

#### SECTION 15: Regulatory information

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

**EU legislation**


**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

#### SECTION 16: Other information
DISPERSE

**Abbreviations and acronyms used in the safety data sheet**

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

ATE: Acute Toxicity Estimate.


GHS: Globally Harmonized System.

**Classification abbreviations and acronyms**

Asp. Tox. = Aspiration hazard

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Eye Dam. = Serious eye damage

Eye Irrit. = Eye irritation

Flam. Liq. = Flammable liquid

Skin Irrit. = Skin irritation

Skin Sens. = Skin sensitisation

**Key literature references and sources for data**

Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling of hazardous substances. ECHA - C&L Inventory database.

**Classification procedures according to Regulation (EC) 1272/2008**

Calculation Method.

**Revision comments**

Safety Data Sheet amended in accordance with REACH Commission Regulation (EU) No 2015/830 amendment. (Changes to Sections 2,3,15&16)

**Revision date**

01/08/2017

**Revision**

7

**SDS status**

The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.

**Hazard statements in full**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.