SAFETY DATA SHEET
LOW FOAM - HEAVY

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

1.1. Product identifier
Product name LOW FOAM - HEAVY
Product number A109 EV
Internal identification Janitorial

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Alkaline Liquid Hard Surface Cleaner.

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
Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards Not Classified

2.2. Label elements
Pictogram

Signal word Danger
Hazard statements H315 Causes skin irritation.
H318 Causes serious eye damage.
LOW FOAM - HEAVY

Precautionary statements

P102 Keep out of reach of children.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 IF SWALLOWED:
P313 Get medical advice/ attention.
P302+P352 IF ON SKIN: Wash with plenty of water.
P332+P313 If skin irritation occurs: Get 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.
P315 Get immediate medical advice/ attention.
P501 Dispose of contents/ container in accordance with local regulations.

Contains
ALCOHOL (C9-C11) ETHOXYLATE (6EO), SODIUM HYDROXIDE

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>ALCOHOL (C9-C11) ETHOXYLATE (6EO)</th>
<th>5-10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 68439-46-3</td>
<td></td>
</tr>
<tr>
<td>Alternative CAS No 68439-45-2</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 4 - H302</td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AMIN0 TRIMETHYLENE PHOSPHONIC ACID PENTA SODIUM SALT</th>
<th>3-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 2235-43-0</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td></td>
</tr>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SODIUM CUMENE SULPHONATE</th>
<th>1-3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 15763-76-5 EC number: 239-854-6</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td></td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td></td>
</tr>
</tbody>
</table>
LOW FOAM - HEAVY

SODIUM HYDROXIDE

<table>
<thead>
<tr>
<th>CAS number: 1310-73-2</th>
<th>EC number: 215-185-5</th>
<th>REACH registration number: 01-2119457892-27-xxxx</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spec Conc Limits :- Skin Corr. 1A (H314) &gt;= 5 %, Skin Corr. 1B (H314) &gt;=2% &lt;5 %, Skin Irrit. 2 (H315) &gt;=0.5%&lt;2%, Eye Irrit. 2 (H319) &gt;=0.5% &lt;2%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Classification
Skin Corr. 1A - H314
Eye Dam. 1 - H318

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**: Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

- **Ingestion**: Do not induce vomiting. Give plenty of water to drink. Get medical attention.

- **Skin contact**: Wash with plenty of water. Get medical attention if irritation persists after washing.

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

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 discomfort if swallowed.

- **Skin contact**: 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
LOW FOAM - HEAVY

6.1. Personal precautions, protective equipment and emergency procedures

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.

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

Occupational exposure limits

SODIUM HYDROXIDE
Short-term exposure limit (15-minute): WEL 2 mg/m³
WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment

Appropriate engineering controls
Not relevant.

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
LOW FOAM - HEAVY

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

Colour
Clear. Blue.

Odour
Faint surfactant

pH
pH (concentrated solution): 12.80

Melting point
0°C

Initial boiling point and range
100°C @ 760 mm Hg

Flash point
Boils without flashing.

Relative density
1.054 @ 20°C

Solubility(ies)
Soluble in water.

9.2. Other information
Other information
None.

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity
Reactions with the following materials may generate heat: Strong acids.

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
Strong acids. Aluminium, Tin, Zinc and their alloys.

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.

Other health effects
Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

Acute toxicity - oral
Notes (oral LD₅₀)
Based on available data the classification criteria are not met.

ATE oral (mg/kg)
16,666.67

SECTION 12: Ecological Information
LOW FOAM - HEAVY

Ecotoxicity
Not regarded as dangerous for the environment.

12.1. Toxicity
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
Sequestrant is readily degraded during biological effluent treatment processes.

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 by approved waste contractor. Rinse out empty container with water and consign to normal waste.

SECTION 14: Transport information

14.1. UN number
UN No. (ADR/RID) 3266
UN No. (IMDG) 3266
UN No. (ICAO) 3266

14.2. UN proper shipping name
Proper shipping name (ADR/RID) CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (sodium hydroxide solution)
Proper shipping name (IMDG) CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (sodium hydroxide solution)
Proper shipping name (ICAO) CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (sodium hydroxide solution)

14.3. Transport hazard class(es)
ADR/RID class Class 8: Corrosive substances.
ADR/RID label 8
IMDG class Class 8: Corrosive substances.
ICAO class/division Class 8: Corrosive substances.
LOW FOAM - HEAVY

Transport labels

14.4. Packing group
ADR/RID packing group III
IMDG packing group III
ICAO packing group III

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user
EmS F-A, S-B
Tunnel restriction code (E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not relevant. for a packaged product.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU legislation
The product is as classified under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.
Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

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

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.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
IMDG: International Maritime Dangerous Goods.
GHS: Globally Harmonized System.
Spec Conc Limits = Specific Concentration Limits.
# LOW FOAM - HEAVY

<table>
<thead>
<tr>
<th>Classification abbreviations and acronyms</th>
<th>Acute Tox. = Acute toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Eye Dam. = Serious eye damage</td>
</tr>
<tr>
<td></td>
<td>Eye Irrit. = Eye irritation</td>
</tr>
<tr>
<td></td>
<td>Met. Corr. = Corrosive to metals</td>
</tr>
<tr>
<td></td>
<td>Skin Corr. = Skin corrosion</td>
</tr>
<tr>
<td></td>
<td>Skin Irrit. = Skin irritation</td>
</tr>
</tbody>
</table>

| 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. |

<table>
<thead>
<tr>
<th>Hazard statements in full</th>
<th>H290 May be corrosive to metals.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>H302 Harmful if swallowed.</td>
</tr>
<tr>
<td></td>
<td>H314 Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td></td>
<td>H315 Causes skin irritation.</td>
</tr>
<tr>
<td></td>
<td>H318 Causes serious eye damage.</td>
</tr>
<tr>
<td></td>
<td>H319 Causes serious eye irritation.</td>
</tr>
</tbody>
</table>