SAFETY DATA SHEET
VERSATILE

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

1.1. Product identifier
Product name VERSATILE
Product number A018 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.
VERSATILE

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), COCAMIDOPROPYL BETAINES, 2-AMINOETHANOL

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>1-3%</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>COCAMIDOPROPYL BETAINES</th>
<th>1-3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: —</td>
<td></td>
</tr>
<tr>
<td>EC number: 931-296-8</td>
<td></td>
</tr>
<tr>
<td>REACH registration number: 01-</td>
<td></td>
</tr>
<tr>
<td>2119488533-30-0001</td>
<td></td>
</tr>
<tr>
<td>Spec Conc Limits :- Eye Dam. 1 (H318) &gt;10%, Eye Irrit. 2 (H319) &gt;4% &lt;=10%</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 3 - H412</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2-AMINOETHANOL</th>
<th>1-3%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 141-43-5</td>
<td></td>
</tr>
<tr>
<td>EC number: 205-483-3</td>
<td></td>
</tr>
<tr>
<td>REACH registration number: 01-</td>
<td></td>
</tr>
<tr>
<td>2119486455-28</td>
<td></td>
</tr>
<tr>
<td>Spec Conc Limits :- STOT SE 3 (H335) ≥ 5%</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 4 - H302</td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 4 - H312</td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 4 - H332</td>
<td></td>
</tr>
<tr>
<td>Skin Corr. 1B - H314</td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
<td></td>
</tr>
<tr>
<td>STOT SE 3 - H335</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 3 - H412</td>
<td></td>
</tr>
</tbody>
</table>
VERSATILE

**AMINO TRIMETHYLENE PHOSPHONIC ACID PENTA SODIUM SALT**  
CAS number: 2235-43-0

**Classification**  
Skin Irrit. 2 - H315  
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 if any discomfort continues.

**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. 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 discomfort if swallowed.

**Skin contact**  
Causes skin irritation. Prolonged and frequent 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
VERSATILE

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
For handling undiluted product: 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
2-AMINOETHANOL
Long-term exposure limit (8-hour TWA): WEL 1 ppm  2.5 mg/m³
Short-term exposure limit (15-minute):  WEL 3 ppm  7.6 mg/m³
Sk
WEL = Workplace Exposure Limit
Sk = Can be absorbed through the skin.

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.
# VERSATILE

## 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>Liquid.</td>
</tr>
<tr>
<td>Colour</td>
<td>Clear. Blue.</td>
</tr>
<tr>
<td>Odour</td>
<td>Ocean</td>
</tr>
<tr>
<td>pH (concentrated solution)</td>
<td>10.60</td>
</tr>
<tr>
<td>Melting point</td>
<td>-1°C</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>100°C @ 760 mm Hg</td>
</tr>
<tr>
<td>Flash point</td>
<td>Boils without flashing.</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.006 @ 20°C</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Soluble in water.</td>
</tr>
</tbody>
</table>

### 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.

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

Acute toxicity - oral:

<table>
<thead>
<tr>
<th>Notes (oral LD₅₀)</th>
<th>ATE oral (mg/kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Based on available data the classification criteria are not met.</td>
<td>35,358.41</td>
</tr>
</tbody>
</table>
VERSATILE

**Acute toxicity - dermal**

<table>
<thead>
<tr>
<th>Notes (dermal LD₅₀)</th>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE dermal (mg/kg)</td>
<td>140,646.98</td>
</tr>
</tbody>
</table>

**Acute toxicity - inhalation**

<table>
<thead>
<tr>
<th>Notes (Inhalation LC₅₀)</th>
<th>Based on available data the classification criteria are not met.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE inhalation (vapours mg/l)</td>
<td>1,406.47</td>
</tr>
</tbody>
</table>

**SECTION 12: Ecological Information**

**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**

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

**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**

**General**

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

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.

Spec Conc Limits = Specific Concentration Limits.

Classification abbreviations and acronyms

Acute Tox. = Acute toxicity

Aquatic Chronic = Hazardous to the aquatic environment (chronic)

Eye Dam. = Serious eye damage

Eye Irrit. = Eye irritation

Skin Corr. = Skin corrosion

Skin Irrit. = Skin irritation

STOT SE = Specific target organ toxicity-single exposure

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

8

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

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.