

SDS conforms with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends (EC) No 2015/830, 453/2010 & 1907/2006)" and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020".



## SAFETY DATA SHEET DEFOAMER

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

#### 1.1. Product identifier

Product name	DEFOAMER
Product number	C036 EV
Internal identification	Professional Hygiene

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

Identified uses	De-foaming silicone emulsion for extraction machines.
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	UK Supplier:	EU Supplier:
	Evans Vanodine International plc, Brierley Road, Walton Summit, Preston, PR5 8AH, UK. Tel: 01772 322 200. e-mail: <a href="mailto:productcompliance@evansvanodine.co.uk">productcompliance@evansvanodine.co.uk</a>	Evans Vanodine Europe (FR), 3 Boulevard de Belfort, 1st Floor, Lille, 59000, France. Tel: +33 (0)3 76 04 21 87.

#### 1.4. Emergency telephone number

Emergency telephone	New Safety Data Sheets - 01772 322 200 - Mon to Thurs 8.30am to 4.30pm - Fri 8.30am to 1.30pm (Also available 24/7 from our website <a href="http://www.evansvanodine.co.uk">www.evansvanodine.co.uk</a> ) For Technical Advice about this SDS - 01772 318 818 - Mon to Thurs 8.00am to 5.30pm
National emergency Telephone number	For Health Care Professionals only For use in UK: Contact the National Poisons Information Service for further advice. For use in the Republic of Ireland: To report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166 – 8am to 10pm every day). For use in Malta: Emergency services (Ambulance, Fire and Rescue, Police) : 112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture Classification (EU: 1272/2008 & UK: SI 2020/1567 which amends SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

#### 2.2. Label elements

Hazard statements	EUH208 Contains METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6. May produce an allergic reaction.
Precautionary statements	P102 Keep out of reach of children. P301+P313 IF SWALLOWED: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with local regulations.

## DEFOAMER

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Including - Endocrine disrupting properties: None known.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-2396	<0.1%
CAS number: 55965-84-9	
M factor (Acute) = 1	M factor (Chronic) = 1
Mixture of 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-Methyl-2H-isothiazol-3-one. .Spec Conc Limits :- Skin Sens. 1; H317 ≥ 0.0015%, EUH208 ≥ 0.00015%	
<b>Classification</b> Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	

The Full Text for all Hazard Statements are Displayed in Section 16.

Composition comments      The product contains a small amount of sensitising substance.

### 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.
Eye contact	Rinse with water. Get medical attention promptly if symptoms occur after washing.

#### 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	No specific symptoms known.
Ingestion	No specific symptoms known. But - May cause discomfort if swallowed.
Skin contact	The product contains a small amount of sensitising substance. Prolonged or repeated exposure may cause the following adverse effects: May cause sensitisation by skin contact.
Eye contact	No specific symptoms known. But prolonged eye contact may lead to the product affecting the natural lubrication provided by the mucous membranes.

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

Notes for the doctor      Treat symptomatically.

## DEFOAMER

### 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

Personal precautions                Avoid contact with skin. No special protective clothing. (See Sec 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 spillage with sand, earth or other suitable 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                    Avoid contact with skin.

#### 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

Appropriate engineering controls    Not relevant.

Eye/face protection                None required.

Hand protection                      No specific hand protection recommended. For prolonged or repeated skin contact use suitable protective gloves.

## DEFOAMER

Other skin and body protection      Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory protection      Respiratory protection not required.

### SECTION 9: Physical and chemical properties

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

Appearance	Emulsion.
Colour	White.
Odour	Faint
pH	pH (concentrated solution): 6.50
Melting point	0°C
Initial boiling point and range	100°C @ 760 mm Hg
Flash point	Boils without flashing.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	1.006 @ 20°C
Solubility(ies)	Dispersible in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not available.

#### 9.2. Other information

Other information	None.
Particle size	Not applicable.

## DEFOAMER

### 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

Summary                                    Not applicable.

#### Acute toxicity - dermal

Summary                                    Not applicable.

#### Acute toxicity - inhalation

Summary                                    Not applicable.

#### Skin corrosion/irritation

Summary                                    Not applicable.

#### Serious eye damage/irritation

Summary                                    Not applicable.

#### Respiratory sensitisation

Summary                                    Not applicable.

#### Skin sensitisation

Skin sensitisation                        Contains low levels of a sensitiser, repeated skin contact may produce an allergic reaction.

#### Germ cell mutagenicity

Summary                                    Not applicable.

#### Carcinogenicity

Summary                                    Not applicable.

## DEFOAMER

### Reproductive toxicity

Summary Not applicable.

### Specific target organ toxicity - single exposure

Summary Not applicable.

### Specific target organ toxicity - repeated exposure

Summary Not applicable.

### Aspiration hazard

Summary Not applicable.

11.2 Information on other Hazards None known.

11.2.1 Endocrine disrupting properties None known.

## 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 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.

Partition coefficient Not applicable.

### 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. Endocrine disrupting properties None known.

### 12.7. Other adverse effects

Other adverse effects None 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. Consign empty container to normal waste.

## DEFOAMER

**SECTION 14: Transport information**

General Not classified for Transport.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk according to Annex II of MARPOL  
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

Legislation

Safety Data Sheet prepared in accordance with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 2015/830, 453/2010 & 1907/2006)," and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020."

The product is as classified under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020." (which amends SI 2019 No.720).

Ingredients are listed with classification under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020." (which amends SI 2019 No.720).

15.2. Chemical safety assessment

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

## DEFOAMER

## SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	<p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p> <p>ATE: Acute Toxicity Estimate.</p> <p>REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.</p> <p>GHS: Globally Harmonized System.</p> <p>Spec Conc Limits = Specific Concentration Limits.</p>
Classification abbreviations and acronyms	<p>Acute Tox. = Acute toxicity</p> <p>Aquatic Acute = Hazardous to the aquatic environment (acute)</p> <p>Aquatic Chronic = Hazardous to the aquatic environment (chronic)</p> <p>Eye Dam. = Serious eye damage</p> <p>Skin Corr. = Skin corrosion</p> <p>Skin Sens. = Skin sensitisation</p>
Key literature references and sources for data	Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. ECHA - C&L Inventory database.
Classification procedures	Calculation Method.
Revision comments	New Evans Logo & EU Address - No change in Product Classification. (Changes made to sections 1+16)
Revision date	01/10/2024
Revision	8
	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	<p>H301 Toxic if swallowed.</p> <p>H311 Toxic in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H331 Toxic if inhaled.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>EUH208 Contains METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6. May produce an allergic reaction.</p>