

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 TARGET ACID FOAM

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

1.1. Product identifier

| | |
|-------------------------|--------------------------|
| Product name | TARGET ACID FOAM |
| Product number | A169 EV |
| Internal identification | Professional Hygiene |
| UFI | UFI: 9VK3-NGXS-P604-XYV7 |

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

| | |
|-----------------|--|
| Identified uses | Acidic Foam pressure washer Cleaner for Food Industry. |
|-----------------|--|

1.3. Details of the supplier of the safety data sheet

| | | |
|----------|---|--|
| Supplier | UK Supplier: Evans Vanodine International plc, Brierley Road, Walton Summit, Preston, PR5 8AH, UK. Tel: 01772 322 200. e-mail: productcompliance@evansvanodine.co.uk | EU Supplier: 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 www.evansvanodine.co.uk) 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). 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 | Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 |
| Environmental hazards | Aquatic Chronic 3 - H412 |

2.2. Label elements

Hazard pictograms



TARGET ACID FOAM

| | |
|--------------------------|--|
| Signal word | Danger |
| Hazard statements | H314 Causes severe skin burns and eye damage. H335 May cause respiratory irritation. H412 Harmful to aquatic life with long lasting effects. |
| Precautionary statements | P102 Keep out of reach of children. Keep away from other chemicals especially chlorine releasing bleaches as toxic gas will be evolved. P260 Do not breathe mist. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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 | METHANESULPHONIC ACID |

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

| | |
|--|--------|
| METHANESULPHONIC ACID CAS number: 75-75-2 EC number: 200-898-6 | 20-25% |
| Classification Met. Corr. 1 - H290 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335 | |
| C10-16 ALKYL DIMETHYLAMINE OXIDE CAS number: 70592-80-2 EC number: 274-687-2 M factor (Acute) = 1 | 5-10% |
| Classification Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 | |

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

TARGET ACID FOAM

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|--|
| Inhalation | 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. 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. Coughing, chest tightness, feeling of chest pressure. |
| Ingestion | May cause chemical burns in mouth and throat. |
| Skin contact | Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin. |
| 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

| | |
|----------------------|--|
| 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. |
|-----------------------------|---|

TARGET ACID FOAM

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear suitable protective clothing, gloves and eye/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. (eg Hypochlorite / Bleach) & Alkalis.

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

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls Not relevant.

Eye/face protection The following protection should be worn: Chemical splash goggles or face shield.

Hand protection Wear protective gloves. Polyvinyl chloride (PVC).

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. Colourless. |
| Odour | Odourless. |
| pH | pH (diluted solution): 1.74 @1% |
| Melting point | -2°C |
| Initial boiling point and range | 102°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. |
| Density | 1.098 @ 20°C |
| Solubility(ies) | Soluble in water. |

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| | |
|---------------------------|-----------------|
| 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. |

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|------------|---|
| Reactivity | Reacts with alkalis and generates heat. |
|------------|---|

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 alkalis. Chlorine releasing materials will liberate toxic chlorine gas. |
|--------------------|--|

10.6. Hazardous decomposition products

| | |
|-------------------------|---|
| Hazardous decomposition | No known hazardous decomposition products. 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

| | |
|---------|-----------------|
| Summary | Not applicable. |
|---------|-----------------|

Acute toxicity - dermal

| | |
|---------|-----------------|
| Summary | Not applicable. |
|---------|-----------------|

Acute toxicity - inhalation

| | |
|---------|-----------------|
| Summary | Not applicable. |
|---------|-----------------|

Skin corrosion/irritation

| | |
|---------------------------|----------------------|
| Skin corrosion/irritation | Causes severe burns. |
|---------------------------|----------------------|

Serious eye damage/irritation

| | |
|-------------------------------|----------------------------|
| Serious eye damage/irritation | Causes serious eye damage. |
|-------------------------------|----------------------------|

Respiratory sensitisation

| | |
|---------|-----------------|
| Summary | Not applicable. |
|---------|-----------------|

Skin sensitisation

| | |
|---------|-----------------|
| Summary | Not applicable. |
|---------|-----------------|

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Germ cell mutagenicity

Summary Not applicable.

Carcinogenicity

Summary Not applicable.

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 Harmful to aquatic life with long lasting effects. Also the product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

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 as special waste. Rinse out empty container with water and consign to normal waste.

TARGET ACID FOAM

SECTION 14: Transport information

14.1. UN number

| | |
|------------------|------|
| UN No. (ADR/RID) | 3265 |
| UN No. (IMDG) | 3265 |
| UN No. (ICAO) | 3265 |

14.2. UN proper shipping name

| | |
|--------------------------------|---|
| Proper shipping name (ADR/RID) | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (methanesulphonic acid) |
| Proper shipping name (IMDG) | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (methanesulphonic acid) |
| Proper shipping name (ICAO) | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (methanesulphonic acid) |

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. |

Transport labels



14.4. Packing group

| | |
|-----------------------|----|
| ADR/RID packing group | II |
| IMDG packing group | II |
| ICAO packing group | II |

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. 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 | <p>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".</p> <p>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).</p> |
|-------------|---|

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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.

SECTION 16: Other information

| | |
|--|---|
| Abbreviations and acronyms used in the safety data sheet | <p>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. ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air. REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577. GHS: Globally Harmonized System. Spec Conc Limits = Specific Concentration Limits.</p> |
| Classification abbreviations and acronyms | <p>Acute Tox. = Acute toxicity Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic) Eye Dam. = Serious eye damage Met. Corr. = Corrosive to metals STOT SE = Specific target organ toxicity-single exposure Skin Corr. = Skin corrosion Skin Irrit. = Skin irritation</p> |
| Key literature references and sources for data | <p>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.</p> |
| Classification procedures | <p>Calculation Method.</p> |
| Revision comments | <p>New Evans EU Address - No change in Product Classification. (Changes made to sections 1+16)</p> |
| Revision date | <p>01/10/2024</p> |
| Revision | <p>10</p> |
| Hazard statements in full | <p>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.</p> <p>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. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H290 May be corrosive to metals. H412 Harmful to aquatic life with long lasting effects.</p> |