



# Evans Toilet Cleaner & Descaler

Code: **IC2256**

**1L  
Bottle**



## *Acidic formulation for quick and efficient cleaning action*

- Removes limescale, body fat and general soiling
- Regular use helps prevent build up of scale and keeps drains and outlets free of odour
- Long lasting deodorising perfume, for a clean fresh fragrance



## SAFETY DATA SHEET TOILET CLEANER & DESCALER

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

#### 1.1. Product identifier

Product name TOILET CLEANER & DESCALER  
Product number A190 EV  
Internal identification Professional Hygiene  
UFI UFI: 9PN3-9GF4-360F-U57E

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

Identified uses Acidic Descaling Toilet Cleaner and Hard Surface Cleaner for washrooms.

#### 1.3. Details of the supplier of the safety data sheet

|          |                                                                                                                                                                                        |                                                                                                                                          |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Supplier | UK Supplier:<br>Evans Vanodine International plc,<br>Brierley Road,<br>Walton Summit,<br>Preston, PR5 8AH, UK.<br>Tel: 01772 322 200.<br>e-mail: productcompliance@evansvanodine.co.uk | EU Supplier:<br>Evans Vanodine Europe (FR),<br>3 Boulevard de Belfort, 1st Floor,<br>Lille, 59000, France.<br>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](http://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 – 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 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319  
Environmental hazards Not Classified

#### 2.2. Label elements

Hazard pictograms



Signal word Warning



## TOILET CLEANER & DESCALER

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements        | H315 Causes skin irritation.<br>H319 Causes serious eye irritation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Precautionary statements | P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br>P301+P3130 IF SWALLOWED: Get medical advice/ attention.<br>P302+P352 IF ON SKIN: Wash with plenty of water.<br>P332+P313 If skin irritation occurs: Get medical advice/ attention.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.<br>Remove contact lenses, if present and easy to do. Continue rinsing.<br>P337+P313 If eye irritation persists: Get medical advice/ attention.<br>P501 Dispose of contents/ container in accordance with local regulations.<br>P102 Keep out of reach of children. |
| 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                                                                                                                                | 1-3%                 |
| CAS number: 75-75-2                                                                                                                                  | EC number: 200-898-6 |
| Classification<br>Met. Corr. 1 - H290<br>Acute Tox. 4 - H302<br>Acute Tox. 4 - H312<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>STOT SE 3 - H335 |                      |
| C10-16 ALKYL DIMETHYLAMINE OXIDE                                                                                                                     | 0.1-1%               |
| CAS number: 70592-80-2                                                                                                                               | EC number: 274-687-2 |
| M factor (Acute) = 1                                                                                                                                 |                      |
| Classification<br>Acute Tox. 4 - H302<br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 2 - H411             |                      |

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



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### 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  | Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.                                                                                     |

#### 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         | May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.                     |

#### 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:<br>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 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. |
|-----------------------------|-----------------------------------------|



## TOILET CLEANER & DESCALER

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions      Avoid contact with skin and eyes.

#### 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

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

#### 8.2. Exposure controls

##### Protective equipment



Appropriate engineering controls      Not relevant.

Eye/face protection      Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection      It is recommended that chemical-resistant, impervious gloves are worn. (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      Viscous liquid.  
 Colour      Clear. Green.  
 Odour      Pine.  
 pH      pH (concentrated solution): 1.09  
 Melting point      -1°C  
 Initial boiling point and range      101°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.





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|                           |                      |
|---------------------------|----------------------|
| Vapour density            | Not available.       |
| Relative density          | Density=1.006 @ 20°C |
| Solubility(ies)           | Soluble 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. |

## 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. Avoid contact with strong oxidising agents. |
|--------------------|-------------------------------------------------------------|

### 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 LD <sub>50</sub> ) | Based on available data the classification criteria are not met. |
| ATE oral (mg/kg)               | 43,324.43                                                        |

#### Acute toxicity - dermal

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| Notes (dermal LD <sub>50</sub> ) | Based on available data the classification criteria are not met. |
| ATE dermal (mg/kg)               | 73,431.24                                                        |

#### Acute toxicity - inhalation Summary

Not applicable.



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### Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation.

### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

### Respiratory sensitisation

Summary Not applicable.

### Skin sensitisation

Summary Not applicable.

### 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 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 The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended). and UK Regulation: SI 2020 No. 1617 "The Detergents (Amendment) (EU Exit) Regulations 2020".

### 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.



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### 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      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

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).





Revision date: 01/10/2024

Revision: 12

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### 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>vPvB: Very Persistent and Very Bioaccumulative.<br/> PBT: Persistent, Bioaccumulative and Toxic substance.<br/> ATE: Acute Toxicity Estimate.<br/> ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.<br/> IMDG: International Maritime Dangerous Goods.<br/> ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.<br/> REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.<br/> GHS: Globally Harmonized System.<br/> Spec Conc Limits = Specific Concentration Limits.</p>                                                                                                        |
| Classification abbreviations and acronyms                | <p>Eye Dam. = Serious eye damage<br/> Eye Irrit. = Eye irritation<br/> Skin Corr. = Skin corrosion<br/> Skin Irrit. = Skin irritation<br/> NC (Not Classified)</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&amp;L Inventory database.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Classification procedures                                | <p>Calculation Method.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Revision comments                                        | <p>New Evans Logo &amp; EU Address - No change in Product Classification.<br/> (Changes made to sections 1+16)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Revision date                                            | <p>01/10/2024</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Revision                                                 | <p>12</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>H290 May be corrosive to metals.<br/> H302 Harmful if swallowed.<br/> H312 Harmful in contact with skin.<br/> H314 Causes severe skin burns and eye damage.<br/> H315 Causes skin irritation.<br/> H318 Causes serious eye damage.<br/> H319 Causes serious eye irritation.<br/> H335 May cause respiratory irritation.<br/> H400 Very toxic to aquatic life.<br/> H411 Toxic to aquatic life with long lasting effects.</p> |