



## SAFETY DATA SHEET CYCLONE SPRAY with bleach

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

#### 1.1. Product identifier

|                         |                           |
|-------------------------|---------------------------|
| Product name            | CYCLONE SPRAY with bleach |
| Product number          | A004 EV                   |
| Internal identification | Janitorial                |

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

|                 |                    |
|-----------------|--------------------|
| Identified uses | Spray with Bleach. |
|-----------------|--------------------|

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

|          |   |   |
|----------|---|---|
| Supplier | UK Supplier:  | EU Supplier:  |
|          | Evans Vanodine International plc<br>Brierley Road,<br>Walton Summit,<br>Preston. UK. PR5 8AH<br>Tel: 01772 322 200<br>e-mail: productcompliance@evansvanodine.co.uk | Evans Vanodine Europe<br>6-9 Trinity Street, Dublin 2.<br>D02 EY47.<br>Republic of Ireland. |

#### 1.4. Emergency telephone number

|                     |  |
|---------------------|--|
| Emergency telephone | New Safety Data Sheets - 01772 322 200 - Mon to Thur. 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 Thur 8.30am to 4.45pm - Fri 8.30am to 1.30pm |
|---------------------|--|

|                                     |   |
|-------------------------------------|---|
| National emergency telephone number | For Health Care Professionals only -<br>For use in UK: Contact the National Poisons Information Service for further advice.<br>For use in the Republic of Ireland: To report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166).<br>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 (EC 1272/2008)

|                       |  |
|-----------------------|--|
| Physical hazards      | Not Classified                           |
| Health hazards        | Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 |
| Environmental hazards | Aquatic Chronic 3 - H412                 |

#### 2.2. Label elements

##### Hazard pictograms



|             |         |
|-------------|---------|
| Signal word | Warning |
|-------------|---------|

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|   |  |
|---|--|
| <b>Hazard statements</b>                      | H315 Causes skin irritation.<br>H319 Causes serious eye irritation.<br>H412 Harmful to aquatic life with long lasting effects.   |
| <b>Precautionary statements</b>               | P102 Keep out of reach of children.<br>P273 Avoid release to the environment.<br>P302+P352 IF ON SKIN: Wash with plenty of water.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 Immediately call a POISON CENTER/ doctor.<br>P501 Dispose of contents/ container in accordance with national regulations. |
| <b>Supplemental label information</b>         | EUH206 Warning! Do not use together with other products. May release dangerous gases (chlorine).   |
| <b>Contains</b>                               | SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE  |
| <b>Supplementary precautionary statements</b> | P264 Wash contaminated skin thoroughly after handling.<br>P332+P313 If skin irritation occurs: Get medical advice/ attention.<br>P337+P313 If eye irritation persists: Get medical advice/ attention.<br>P362+P364 Take off contaminated clothing and wash it before reuse.<br>P391 Collect spillage.  |

### 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

|   |                        |  |
|---|------------------------|--|
| <b>SODIUM HYPOCHLORITE SOLUTION, ... % CI ACTIVE</b>  | <b>0.95%</b>           |  |
| CAS number: 7681-52-9   | EC number: 231-668-3   |  |
| M factor (Acute) = 10   | M factor (Chronic) = 1 |  |
| Spec Conc Limits :- EUH031: ≥ 5%  |                        |  |
| <b>Classification</b><br>Met. Corr. 1 - H290<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>STOT SE 3 - H335<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 1 - H410 |                        |  |
| <b>SODIUM (C12-14) ALKYL ETHOXY SULPHATE</b>  | <b>0.1-1%</b>          |  |
| CAS number: 68891-38-3  | EC number: 500-234-8   | REACH registration number: 01-2119488639-16-0020 |
| Spec Conc Limits :- Eye Dam. 1 (H318) ≥30%, Eye Irrit. 2 (H319) >10% <30%, NC (Not Classified) ≤10%   |                        |  |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>Aquatic Chronic 3 - H412  |                        |  |

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|   |                      |  |
|---|----------------------|--|
| <b>SODIUM HYDROXIDE</b>   |                      | <b>0.1-1%</b>                                    |
| CAS number: 1310-73-2   | EC number: 215-185-5 | REACH registration number: 01-2119457892-27-xxxx |
| Spec Conc Limits :- Skin Corr. 1A (H314) >= 5 %, Skin Corr. 1B (H314) >=2% <5 %, Skin Irrit. 2 (H315) >=0.5%<2%, Eye Irrit. 2 (H319) >=0.5% <2% |                      |  |
| <b>Classification</b>   |                      |  |
| Met. Corr. 1 - H290   |                      |  |
| 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

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | 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. |
| <b>Ingestion</b>    | Do not induce vomiting. Give plenty of water to drink. Get medical attention.  |
| <b>Skin contact</b> | Wash with plenty of water. Get medical attention if irritation persists after washing.   |
| <b>Eye contact</b>  | Rinse immediately with plenty of water. 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

|                            |   |
|----------------------------|---|
| <b>General information</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| <b>Inhalation</b>          | Irritation of nose, throat and airway.  |
| <b>Ingestion</b>           | May cause discomfort if swallowed.  |
| <b>Skin contact</b>        | Causes skin irritation. Prolonged and frequent contact may cause redness and irritation.                    |
| <b>Eye contact</b>         | 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

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

|                                     |   |
|-------------------------------------|---|
| <b>Suitable extinguishing media</b> | The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. |
|-------------------------------------|---|

#### 5.2. Special hazards arising from the substance or mixture

|                         |  |
|-------------------------|--|
| <b>Specific hazards</b> | Thermal decomposition or combustion products may include the following substances:<br>Irritating gases or vapours. |
|-------------------------|--|

#### 5.3. Advice for firefighters

|  |   |
|--|---|
| <b>Special protective equipment for firefighters</b> | 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

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**Personal precautions** Avoid contact with skin and eyes. For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions** This product is dangerous for the environment: 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 eye protection. Wear protective gloves.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep only in the original container in a cool, well-ventilated place. Protect from light. Store away from the following materials: Acids.

### 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/m<sup>3</sup>

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

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

## CYCLONE SPRAY with bleach

|  |                                  |
|--|----------------------------------|
| <b>Appearance</b>                      | Liquid.                          |
| <b>Colour</b>                          | Yellowish.                       |
| <b>Odour</b>                           | Characteristic Hypochlorite      |
| <b>pH</b>                              | pH (concentrated solution): 13.2 |
| <b>Melting point</b>                   | -1°C                             |
| <b>Initial boiling point and range</b> | 101°C @ 760 mm Hg                |
| <b>Flash point</b>                     | Boils without flashing.          |
| <b>Relative density</b>                | 1.026 @ 20°C                     |
| <b>Solubility(ies)</b>                 | Soluble in water.                |

### 9.2. Other information

**Other information** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Generates toxic gas in contact with acid.

### 10.2. Chemical stability

**Stability** Inadequately vented containers may become pressurised.

### 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** Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid** Alkalis, acids, metal salts and reducing agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Toxic chlorine gas can be released if heated. When heated, vapours/gases hazardous to health may be formed.

## 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.

## SECTION 12: Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

### 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.

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### 12.2. Persistence and degradability

**Persistence and degradability** Rapidly degrades to Sodium Chloride by chemical reaction with organic matter in effluent.

### 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 as special waste. 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. 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

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### EU legislation

Safety Data Sheet prepared in accordance with EU Regulation: "REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 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".

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".

### 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.  
 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.  
 GHS: Globally Harmonized System.  
 Spec Conc Limits = Specific Concentration Limits.

### Classification abbreviations and acronyms

Aquatic Acute = Hazardous to the aquatic environment (acute)  
 Aquatic Chronic = Hazardous to the aquatic environment (chronic)  
 Eye Dam. = Serious eye damage  
 Eye Irrit. = Eye irritation  
 Met. Corr. = Corrosive to metals  
 NC (Not Classified)  
 Skin Corr. = Skin corrosion  
 Skin Irrit. = Skin irritation

### 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 according to Regulation (EC) 1272/2008

Calculation Method.

### Revision comments

SDS re-issued after a 3 year old SDS Review.

### Revision date

01/11/2021

### Revision

4

### 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.

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### **Hazard statements in full**

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.