



## SAFETY DATA SHEET

### e:dose - EC4 SANITISER (purple zone eco concentrate)

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

##### 1.1. Product identifier

Product name e:dose - EC4 SANITISER (purple zone eco concentrate)  
 Product number A133 EV  
 Internal identification Janitorial

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

Identified uses Super concentrated sanitiser. - For use in Evans e:dose system.

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

Supplier Evans Vanodine International plc  
 Brierley Road  
 Walton Summit  
 Preston. UK. PR5 8AH  
 Tel: 01772 322 200  
 R and D Lab e-mail: [productcompliance@evansvanodine.co.uk](mailto:productcompliance@evansvanodine.co.uk)

##### 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 [www.evansvanodine.co.uk](http://www.evansvanodine.co.uk)) For Technical Advice about this SDS - 01772 318 818 - Mon to Thu 8.30am to 4.45pm - Fri 8.30am to 1.30pm

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

Physical hazards Not Classified  
 Health hazards Skin Corr. 1B - H314 Eye Dam. 1 - H318  
 Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

##### 2.2. Label elements

###### Hazard pictograms



Signal word Danger

Hazard statements H314 Causes severe skin burns and eye damage.  
 H400 Very toxic to aquatic life.  
 H411 Toxic to aquatic life with long lasting effects.

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<b>Skin contact</b>	Wash with plenty of water. Get medical attention promptly if symptoms occur after washing.
<b>Eye contact</b>	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

<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 chemical burns in mouth and throat.
<b>Skin contact</b>	Burning pain and severe corrosive skin damage. May cause serious chemical burns to the skin.
<b>Eye contact</b>	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

<b>Notes for the doctor</b>	Treat symptomatically.
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## **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.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.
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### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing, gloves, eye and face protection. For personal protection, see Section 8.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	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.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8.
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## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Wear protective clothing, gloves, eye and face protection.
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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 acids. Aluminium, Tin, Zinc and their alloys.

**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.

**Acute toxicity - oral**

Notes (oral LD<sub>50</sub>) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 2,705.62

**SECTION 12: Ecological information**

Ecotoxicity Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. Another potential hazard is from the alkalinity of the product.

**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**

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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**

**EU legislation** Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 453/2010 & 1907/2006).  
The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.  
Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

**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.

**Classification abbreviations and acronyms** 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  
Skin Corr. = Skin corrosion

**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** New Formulation, no changes to product classification.

**Revision date** 15/04/2020

**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.

**Hazard statements in full** H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.