



## SAFETY DATA SHEET

### GLAZE ALL-IN-ONE DISHWASHER TABLETS

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

##### 1.1. Product identifier

Product name	GLAZE ALL-IN-ONE DISHWASHER TABLETS
Product number	C002AEV
Internal identification	Janitorial - Catering Section

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

Identified uses	Machine Dishwash Tablets
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##### 1.3. Details of the supplier of the safety data sheet

Supplier	Evans Vanodine International Brierley Road Walton Summit Preston. UK. PR5 8AH Tel: 01772 322 200 Fax: 01772 626 000 qclab@evansvanodine.co.uk
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##### 1.4. Emergency telephone number

Emergency telephone	New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri. (Also available 24/7 from our website <a href="http://www.evansvanodine.co.uk">www.evansvanodine.co.uk</a> ) Technical Advice - 8.30am to 4.45pm - 01772 318 818 - Mon to Fri
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#### SECTION 2: Hazards identification

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

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

Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R36.

##### 2.2. Label elements

###### Pictogram



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation.

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<b>Precautionary statements</b>	P101 If medical advice is needed, have product container or label at hand.
	P102 Keep out of reach of children.
	P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313 If eye irritation persists: Get medical advice/ attention.

<b>Contains</b>	SODIUM CARBONATE
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### 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 CARBONATE</b>		<b>30-60%</b>
CAS number: 497-19-8		EC number: 207-838-8
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Eye Irrit. 2 - H319	Xi;R36	
<b>SODIUM PERCARBONATE PEROXYHYDRATE</b>		<b>10-15%</b>
CAS number: 15630-89-4		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Ox. Sol. 2 - H272	Xn;R22. Xi;R41. O;R8.	
Acute Tox. 4 - H302		
Eye Dam. 1 - H318		
<b>SODIUM SILICATE</b>		<b>5-10%</b>
CAS number: —		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Skin Irrit. 2 - H315	Xi;R36/37/38.	
Eye Irrit. 2 - H319		
STOT SE 3 - H335		
<b>FATTY ALCOHOL ALKOXYLATE</b>		<b>1-3%</b>
CAS number: 69227-21-0		
M factor (Acute) = 1		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Skin Irrit. 2 - H315	Xi;R38. N;R50/53.	
Aquatic Acute 1 - H400		

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>	Remove person to fresh air and keep comfortable for breathing.
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<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.
<b>Eye contact</b>	Rinse immediately with plenty of water. 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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known. But - May cause discomfort if swallowed.
<b>Skin contact</b>	No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.
<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.
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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>	Avoid contact with eyes and prolonged skin contact. 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>	Avoid contact with eyes and prolonged skin contact.
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### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep only in the original container in a cool, well-ventilated place. Store in a dry place.

### 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 CARBONATE**

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

### 8.2. Exposure controls

**Appropriate engineering controls** Not relevant.

**Eye/face protection** No specific eye protection required during normal use.

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

**Other skin and body protection** None required.

**Respiratory protection** Respiratory protection not required.

## SECTION 9: Physical and Chemical Properties

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

**Appearance** Tablet.

**Colour** 3 Layers: Blue, White & Yellow.

**Odour** Lemon.

**pH** pH (diluted solution): 10.8

**Melting point** Not applicable.

**Initial boiling point and range** Not applicable.

**Flash point** Not applicable.

**Relative density** Not applicable.

**Solubility(ies)** Soluble in water.

### 9.2. Other information

**Other information** None.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Reacts violently with strong acids.

### 10.2. Chemical stability

**Stability** No particular stability concerns.

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### 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. Water, moisture.

### 10.5. Incompatible materials

**Materials to avoid**      Strong acids. Aluminium, Tin, Zinc and their alloys.

### 10.6. 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)**      6,939.6

## **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**      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**

### 13.1. Waste treatment methods

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**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.

### SECTION 14: Transport information

**General** Not classified for Transport.

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

### 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 both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & 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

**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. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC. ECHA - C&L Inventory database.

**Revision comments** New product.

**Revision date** 07/08/2015

**Revision** Issue 1

**SDS status** The Risk Phrases / 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 Risk Phrases / Hazard Statements relating to this Product see Section 2.

**Risk phrases in full** R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R41 Risk of serious damage to eyes.  
R8 Contact with combustible material may cause fire.  
R38 Irritating to skin.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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### **Hazard statements in full**

H272 May intensify fire; oxidiser.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.