



# SAFETY DATA SHEET

## GLAZE 5 in 1 DISHWASHER TABLETS

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name                      GLAZE 5 in 1 DISHWASHER TABLETS  
 Product No.                        C021 EV  
 Internal Id                         Janitorial - Catering Section

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

Identified uses                      Machine Dishwash Tablets

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

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

#### 1.4. Emergency telephone number

New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri      Technical Advice      -  
 8.30am to 4.45pm - 01772 318 818 - Mon to Fri

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC)    Xi;R36.

#### 2.2. Label elements

##### Labelling



Irritant

##### Risk Phrases

R36                                      Irritating to eyes.

##### Safety Phrases

S2                                        Keep out of the reach of children.  
 S25                                      Avoid contact with eyes.  
 S26                                      In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S46                                      If swallowed, seek medical advice immediately and show this container or label.

#### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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## 3.2. Mixtures

<b>SODIUM CARBONATE</b>	<b>20-25%</b>
<b>CAS-No.: 497-19-8</b>	<b>EC No.: 207-838-8</b>
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36
<b>SODIUM SILICATE</b>	<b>10-20%</b>
<b>CAS-No.:</b>	<b>EC No.:</b>
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.
<b>SODIUM PERCARBONATE</b>	<b>10-20%</b>
<b>CAS-No.: 15630-89-4</b>	<b>EC No.: 239-707-6</b>
Classification (EC 1272/2008) Ox. Liq. 2 - H272 Acute Tox. 4 - H302 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R22. Xi;R41. O;R8.

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

#### Inhalation

Not relevant. Inhalation unlikely. In case of inhalation of spray mist: Move person into fresh air and keep at rest.

#### Ingestion

DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.

#### Skin contact

Wash skin with soap and water.

#### Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. 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 dependant of the concentration and the length of exposure.

#### Inhalation.

No specific symptoms noted.

#### Ingestion

May cause discomfort if swallowed.

#### Skin contact

No specific symptoms noted. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.

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## 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

Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

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

#### Specific hazards

When heated and in case of fire, harmful vapours/gases may be formed.

### 5.3. Advice for firefighters

#### Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid contact with eyes.

### 6.2. Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

Small quantities may be flushed to drains with plenty of water. Large Spillages: Pick up with vacuum or absorbent solid, store in closed container for disposal.

### 6.4. Reference to other sections

For personal protection, see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with eyes.

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

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: Oxidising material.

### 7.3. 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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
SODIUM CARBONATE	WEL		5 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

#### Ingredient Comments

STEL= Short-Term Exposure Limit (15 minute) & TWA = Time Weighted Average (8 hours).

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## 8.2. Exposure controls

### Engineering measures

Not relevant

### Respiratory equipment

Respiratory protection not required.

### Hand protection

For prolonged or repeated skin contact use suitable protective gloves. (Household rubber gloves.)

### Eye protection

Eye protection recommended.

### Other Protection

None required.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Tablet.
Colour	White. with Green. speckles
Odour	Lemon.
Solubility	Soluble in water.
Initial boiling point and boiling range	N/A
Melting point (°C)	N/A
Relative density	N/A
pH-Value, Diluted Solution	11.2
Flash point	N/A

### 9.2. Other information

None.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Reacts violently with strong acids.

### 10.2. Chemical stability

No particular stability concerns.

### 10.3. Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

### 10.4. Conditions to avoid

Avoid exposure to extremes of temperature. Exposure to 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 information

We have not carried out any animal testing, therefore we have no Toxicological Data specifically for this product. The Toxicological Data, where provided by the raw material manufacturer, can be made available on request.

#### Other Health Effects

Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

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## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Not regarded as dangerous for the environment.

### 12.1. 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

#### Degradability

Surfactant is readily broken down by effluent treatment process.

### 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

This product does not contain any PBT or vPvB substances.

### 12.6. Other adverse effects

Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment 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 MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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## Guidance Notes

Workplace Exposure Limits EH40.

## EU Legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations. 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

Not applicable this product is a mixture.

## SECTION 16: OTHER INFORMATION

### Information Sources

Material Safety Data Sheet, Misc. manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling 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.

### Revision Comments

New Format Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). - No change in Product Classification - Main change is the move of Labelling elements from Section 15 to Section 2 & Section 3 now has a different layout for the Ingredients and lists their classification in both CHIP & CLP format.

**Revision Date** 01/10/12

**Revision** Issue 4

**Safety Data Sheet 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

R8 Contact with combustible material may cause fire.  
R22 Harmful if swallowed.  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R36 Irritating to eyes.  
R41 Risk of serious damage to eyes.

### Hazard Statements In Full

H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H302 Harmful if swallowed.  
H335 May cause respiratory irritation.  
H272 May intensify fire; oxidiser.