SAFETY DATA SHEET
GLAZE 4 IN 1 DISHWASHER POWDER

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

1.1. Product identifier

Product name GLAZE POWDER
Product No. C042 EV (Brosch Direct code: KD5923B)
Internal Id Janitorial - Catering Section

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

Identified uses Alkaline Chlorine based Powdered detergent for Dish and Glass washing machines

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

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Address:
Brosch Direct Ltd,
South Fen Road,
Bourne,
Lincolnshire,
PE10 0DN
Tel: 01733 230 230
Fax: 01733 230 333
E-mail: sales@broschdirect.com
Website: www.broschdirect.com
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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;R36/38. R31, R52/53.

2.2. Label elements

Labelling

Irritant

Risk Phrases

R36/38	Irritating to eyes and skin.
R31	Contact with acids liberates toxic gas.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S2	Keep out of the reach of children.
S46	If swallowed, seek medical advice immediately and show this container or label.
S8	Keep container dry.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

SODIUM CARBONATE	**30-60%**
CAS-No.: 497-19-8	**EC No.: 207-838-8**
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36

TRISODIUM PHOSPHATE	**25-30%**
CAS-No.: 7601-54-9	**EC No.: 231-509-8**
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36/38.

DISODIUM METASILICATE	**5-10%**
CAS-No.: 6834-92-0	**EC No.: 229-912-9**
Classification (EC 1272/2008) Skin Corr. 1B - H314 STOT SE 3 - H335	Classification (67/548/EEC) C;R34 Xi;R37

TROCLOSENE SODIUM, DIHYDRATE	**1-5%**
CAS-No.: 51580-86-0	**EC No.: 220-767-7**
Classification (EC 1272/2008) EUH031 Acute Tox. 4 - H302 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) Xn;R22 Xi;R36/37 R31 N;R50/53

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

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

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

Skin contact
Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
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.
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 severe irritation to eyes. 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 skin and eyes. Avoid inhalation of dust.

6.2. Environmental precautions

This product is dangerous for the environment: 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 skin and eyes. Avoid inhalation of dust. Never add water directly to this product - may cause vigorous reaction/boiling. Always dilute by carefully pouring the product into the water. DO NOT mix with other chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

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/m3			

WEL = Workplace Exposure Limit.

Ingredient Comments

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

8.2. Exposure controls

Engineering measures

Provide sufficient ventilation for operations causing dust formation.

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

Wear appropriate clothing to prevent any possibility of skin contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Granular Powder.
Colour	White.
Odour	Characteristic. Chlorine.
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	10.5 - 11.5 @ 1%
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 high temperatures or direct sunlight. The product will harden into a hard mass in contact with water and moisture.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Aluminium, Tin, Zinc and their alloys.

10.6. Hazardous decomposition products

Toxic chlorine gas is released if product is mixed with acidic materials.

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.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic 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

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

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 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

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

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 7
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

R34	Causes burns.
R31	Contact with acids liberates toxic gas.
R22	Harmful if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36/37	Irritating to eyes and respiratory system.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
EUH031	Contact with acids liberates toxic gas.
H302	Harmful if swallowed.
H335	May cause respiratory irritation.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.