



GLASS RENOVATOR POWDER

Description

A free flowing, water-soluble white powder.

Benefits and Features

Formulated for the removal of stains from drinking glasses caused by yeast and proteins. Removes cloudiness sometimes caused by dishwashers ensuring the restoration of sparkle.

Directions for Use

Prepare cabinet glasswash by isolating the detergent feed and draining the machine. Load the machine with the glasses and fill with clean water. Bring to operating temperature. Add 1oz of powder per gallon of water and run through full cleaning cycle. Drain machine, reconnect detergent supply and run through normal cleaning programme. If no machine available, soak glasses for 10 minutes in a bucket then rinse thoroughly.

Risk Phrases

- R34: Causes burns.
- R37: Irritating to respiratory system.

Safety Phrases

- S2: Keep out of the reach of children.
- S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.
- S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Hazardous Ingredients

- Chlorinated TSP
- Disodium Metasilicate



Storage: Avoid extremes of temperature.
Shelf life unopened approx. 1 year.

Precautionary phrases: Safety data sheet available for professional user on request.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions that complete these regulations. Refer to all applicable national, international and local regulations or provisions.

Packaging

2.5kg Plastic Tub
SPD1294



SAFETY DATA SHEET
GLASS RENOVATOR POWDER #2

Page 1
Issued: 04/01/06
Revision No: 2

Sent to: Staples Disposables Ltd

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: GLASS RENOVATOR POWDER #2

Product code: SPD1294

Use / description of product: Corrosive.

Company name: Staples Disposables Ltd

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East Road Industrial Estate
Sleaford
Lincolnshire
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2. COMPOSITION / INFORMATION ON INGREDIENTS

- Hazardous ingredients:** CHLORINATED TSP 20-50%
[Xi] R36/38
- DISODIUM METASILICATE 10-20%
EINECS: 229-912-9 CAS: 6834-92-0
[C] R34; [Xi] R37

3. HAZARDS IDENTIFICATION

Main hazards: Causes burns. Irritating to respiratory system.

Other hazards: Contact with acids liberates toxic gas. Irritating to respiratory system.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and pain. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be shortness of breath with a burning sensation in the throat.

4. FIRST AID MEASURES (ACTION)

Skin contact: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and

SAFETY DATA SHEET
GLASS RENOVATOR POWDER #2

breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available.
Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: Corrosive. In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Do not create dust.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Plastic drums.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Powder

Colour: White

Odour: Barely perceptible odour

Solubility in water: Soluble

Melting point/range°C: 60-70

Relative density: 1.6 g/ml**pH:** 1% soln 12**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Heat.**Materials to avoid:** Strong oxidising agents. Strong acids.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients:** DISODIUM METASILICATE

ORL MUS LD50 770 mg/kg

ORL RAT LD50 1153 mg/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.**12. ECOLOGICAL INFORMATION****Persistence and degradability:** Biodegradable.**Bioaccumulative potential:** No bioaccumulation potential.**Other adverse effects:** Negligible ecotoxicity.**13. DISPOSAL CONSIDERATIONS****NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****UN no:** 1759**ADR Class:** 8**Packing group:** III**Classification code:** C10**Shipping name:** CORROSIVE SOLID, N.O.S.**Labelling:** 8**Hazard ID no:** 80**IMDG / IMO****UN no:** 1759**Class:** 8**Packing group:** III**EmS:** 8-15**Marine pollutant:** .**Labelling:** 8

SAFETY DATA SHEET
GLASS RENOVATOR POWDER #2

IATA / ICAO

UN no: 1759	Class: 8
Packing group: III	Packing instructions: 822(P&CA); 823(PAO)
Labelling: 8	

15. REGULATORY INFORMATION**Hazard symbols:** Corrosive.**Risk phrases:** R34: Causes burns.
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S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. OTHER INFORMATION****Risk phrases used in s.2:** R36/38: Irritating to eyes and skin.
R34: Causes burns.
R37: Irritating to respiratory system.**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.