

SAFETY DATA SHEET



Trust Hygiene Services Limited

03400 – GLASS RENOVATOR

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE: 03400
PRODUCT NAME: GLASS RENOVATOR 2.5 Kg
MANUFACTURER: Trust Hygiene Services Limited Telephone: 0370 3500 988
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West Midlands, WV2 2JH

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	EINECS Nr.:	CAS NO.:	CLASSIFICATION	CONTENT
CHLORINATED TSP			[Xi] R36/38	20-50%
DISODIUM METASILICATE	229-912-9	6834-92-0	[C] R34; [Xi] R37	10-20%

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

INHALATION: There may be shortness of breath with a burning sensation in throat. Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and 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.

INGESTION: There may be soreness and redness of the mouth and throat. Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious and breathing is ok, place in the recovery position. Transfer to hospital as soon as possible.

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

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

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-contaminated 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.

SPILL CLEAN UP METHODS: 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.

ENVIRONMENTAL PRECAUTIONS: Do not discharge into drains or rivers.

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 REQUIREMENTS: Store in a cool, well ventilated area. Keep container tightly closed.

SUITABLE PACKAGING: Plastic drums.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

1. Impervious gloves should be worn together with goggles if splashing is likely.
2. Always maintain a good standard of occupational hygiene when handling chemicals.

PROTECTIVE EQUIPMENT:



9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear greenish yellow liquid
ODOUR:	Faint chlorinous odour
pH:	13.0
DENSITY:	1.100kg/litre at 20°C.
FLASH POINT (°C):	Not applicable
SOLUBILITY:	Soluble in water

10. STABILITY AND REACTIVITY

STABILITY:	Product is stable under normal conditions.
CONDITIONS TO AVOID:	Avoid mixing with acids or acidic compounds. Acids or acidic compounds decompose sodium hypochlorite with evolution of chlorine; which is a toxic gas.

11. TOXICOLOGY INFORMATION

Effects due to overexposure when:

INHALATION:	Chlorine vapour irritates nose, throat and lungs causing coughing.
INGESTION:	Severe irritation to mouth and throat stomach pains and possible ulceration.
SKIN CONTACT:	Prolonged contact may cause dryness of the skin.
EYE CONTACT:	Irritation, reddening of the skin. Prolonged contact may result in dermatitis. Sensitisation may also occur.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	1 ppm available chlorine is toxic to all fish. 0.4 ppm available chlorine is toxic to game fish.
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13. DISPOSAL CONSIDERATIONS

DISPOSABLE METHODS:	Dispose of according to local regulations.
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14. TRANSPORT INFORMATION

Product is not classed as hazardous for transportation purposes.

15. REGULATORY INFORMATION

Product is classed as IRRITANT under CHIP Regulations.

SAFETY PHRASES:	S2 Keep out of the reach of children
	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.
	S46 If swallowed seek medical advice immediately and show this container label.

16. OTHER INFORMATION

USER NOTES:	The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Material Safety Data Sheet are given as a guide to the precautions required to maintain a safe work environment.
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