

1. Identification of the substance/preparation and of the company

Product Name: Steri Cleen Steriliser

Company Identification: Harris Homecraft Ltd
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2. Composition/Information on ingredients

INGREDIENT NAME	EINECS NO	CONTENTS	CLASSIFICATION
Sodium carbonate	207-838-8	10.0 - 30.0%	H319
Disodium Metasilicate	229-912-9	10.0 – 30.0%	H335
Sodium Dichloroisocyanurate (Active Chlorine)	220-767-7	1.0 – 10.0%	H335, H302, H319

Most important adverse effects: Contact with acids liberates toxic gas. Causes severe skin burns and eye damage. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.

3. Hazard Identification

Warning symbols:



Signal Word: Danger.

Hazard Statements: H314 - Causes severe skin burns and eye damage
H335 – May cause respiratory irritation
H411 – Toxic to aquatic life with long lasting effects

Precautionary Statements: P260: Do not breath dust/fumes/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301/P330/P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303,P361,P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304, P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305,P351,P338: IF IN EYES: Rinse cautiously with water for sever minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

PBT: This product is not identified s a PBT/vPvB substance

4. First Aid Measures

EYE CONTAMINATION:	Bath the eye with running water for at least 15 minutes. Transport to hospital for specialist examination.
SKIN CONTAMINATION:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on the skin. Transfer to hospital if there are burns or symptoms of poisoning.
INHALATION:	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:	Wash out mouth immediately 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.

This document should accompany transportation to clinic/hospital and be at hand if a doctor is being contacted.

Most important symptoms and effects, both acute and delayed:

Skin contact: Blistering may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

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

Exposure may cause coughing or wheezing.

Indication of any immediate medical attention and special treatment needed:

5. Fire Fighting Measures

EXTINGUISHING MEDIA:	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	Corrosive. In combustion emits toxic fumes.
ADVICE FOR 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. Prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing. Do not create dust.

Environmental Precautions: Do not allow to enter into drains or rivers.

Methods for Cleaning: 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 & Storage

Handling: 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: Store in a cool and well-ventilated area. Keep container tightly closed.

8. Exposure Controls/Personal Protection

Exposure Controls: Ensure there is sufficient ventilation to the area.

Hand protection: Protective gloves

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

Skin and body protection: Wear suitable protective clothing

Respiratory protection: Respiratory protective device with particle filter.

Environmental exposure controls: Do not pour waste waters into the environment.

9. Physical & Chemical Properties

Appearance: Powder.

Colour: White

Odour: Characteristic odour

pH: >11.5

10. Stability & Reactivity

Reactivity: Stable under normal conditions/temperatures

Chemical stability: Stable at normal conditions/temperatures

Conditions to avoid: Heat

Incompatible materials: Strong oxidising agents. Strong acids.

Hazardous decomposition products: In combustion, emits toxic fumes.

11. Toxicological Information

Hazardous ingredients:

SODIUM CARBONATE. ORL MUS LD50 6600 mg/Kg, ORL RAT LD50 4090 mg/Kg, SCU MUS LD50 2210 mg/Kg

DISODIUM METASILICATE: ORL MUS LD50 770 mg/Kg; ORL RAT LD50 2210 mg/Kg

Relevant hazards for product:

Hazard Route Basis Skin corrosion/irritation DRM Hazardous: calculated

Serious eye damage/irritation OPT Hazardous: calculated

STOT-single exposure INH Hazardous: calculated.

Symptoms/routes of exposure:

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

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

Exposure may cause coughing or wheezing.

12. Ecological Information

Ecotoxicity values: No data available.

Persistence and degradability: Biodegradable

Bioaccumulative potential: No bioaccumulation potential.

PBT Identification: This product is not identified as a PBT/vPvB substance

Other adverse effects: Negligible ecotoxicity.

13. Disposal Consideration

Disposal operations: Transfer to a suitable container and arrange collection by specialised disposal company.

NB. The users attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information

Danger Class (ADR/RID): Class 8

Proper Shipping Name: Corrosive solid, N.O.S. (disodium metasilicate, sodium Dichloroisocyanurate)

UN-No.: UN1759

Packaging Group: II

Environmentally Hazardous: Yes

Marine Pollutant: No

Tunnel code: E

Transport Category: 2

15. Regulatory Information

Specific Regulations: Not applicable

Chemical Safety Assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Phrases Used:

- EUH031: Contacts with acids liberates toxic gas
- H302: Harmful if swallowed
- H314: Causes severe skin burns and eye damage
- H319: Causes serious eye irritation
- H335: May cause respiratory irritation
- H400: Very toxic to aquatic life
- H410: Very toxic to aquatic life with long lasting effects
- H411: Toxic to aquatic life with long lasting effects

Harris Homecraft has compiled the information contained in this data sheet to the best of its own knowledge and of available reliable data.

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