



HARRIS FILTERS STERI-CLEEN STERILIZER

MATERIAL SAFETY DATA SHEET

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

Product Name: Steri Clean Steriliser

Company Identification: Harris Filters
42 & 43 Zoar Street
Lower Gornal
Dudley
West Midlands
DY3 2PA, UK
Tel: 01384 253073

2. Composition/Information on ingredients

INGREDIENT NAME	EINECS NO	CONTENTS	CLASSIFICATION
Sodium carbonate	207-767-7	15.0 - 30.0%	Xi;R36
Alcohol alkoxylate	Polymer	< 5.0%	Xi;R38 N;R50
Sodium silicate	229-912-9	15.0 - 30.0%	C;R34, R37
Sodium Dichloroisocyanurate (Active Chlorine)	220-767-7	< 5.0%	Xn;R22 R31 Xi;R36/37 N;R50/53
Phosphate	231-509-8	< 5.0%	Xi;R36/38

The full text for all R-Phrases is displayed in section 16.

3. Hazard Identification

HUMAN BEINGS: Serious risk of tissue corrosion after contact with skin and eyes. Although corrosion can penetrate deep into tissues, there is little initial pain and effects are often first noticed some while after skin contact. Serious risk of permanent damage to sight.

ENVIRONMENT: See section 12.

4. First Aid Measures

EYE CONTAMINATION: Without delay, rinse affected eye(s) with water for at least 15 minutes. Do not attempt to remove contact lenses, at least for first two minutes of rinsing, which should continue up to and during transport to hospital. Seek urgent medical attention.

SKIN CONTAMINATION: Rinse affected area with plenty of water. Remove and wash contaminated clothing. Seek urgent medical attention.

INHALATION: Remove to fresh air and rest. If breathing distress persists, seek medical attention.

INGESTION: Rinse mouth immediately with water. Give water to drink if subject is conscious. Do not encourage vomiting, but if it happens or appears imminent, keep affected person lying on side with head low to avoid inhalation of stomach contents. Seek urgent medical attention.

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

5. Fire Fighting Measures

EXTINGUISHING MEDIA: The product is compatible with all commonly used extinguishing media.

SPECIAL FIRE FIGHTING PROCEDURES Remove the product if possible; otherwise, keep it cooled with water

6. Accidental Release Measures

Limit leakage into sewers or local environment by damming or collection. Rinse copiously with water. Dispose of spillage residues according to local procedures, e.g. delivery to a designated station for disposal of chemical waste.

See also sections 8 and 13.

7. Handling & Storage

Handling: Avoid accidental or deliberate mixing of the product with acid substances.

Storage: To be stored in closed original container and kept separate from foodstuffs, medicinal products, animal feeds and suchlike. Also keep product well away from acid substances to avoid risk of mixing unless the reactivity of the product (see section 10) otherwise have been taken into account. Possibility to control leaks e.g. by use of sumps or retaining dams should be in place.

8. Exposure Controls/Personal Protection

INGREDIENT NAME	EINECS NO.	LT EXP. (8 hrs)	ST EXP. (15 min)
Sodium Dichloroisocyanurate (Active Chlorine)	220-767-7	WEL : 1.5 mg/m ³	WEL : 2.9 mg/m ³

Specific monitoring procedures are not needed when used as intended.

Use suitable protective gloves of plastic or rubber e.g. Nitrile or Neoprene (Class 2, breakthrough time over 30 minutes; EN 374). Also wear splash-proof goggles or a full-face

shield (EN 166) and an acid-proof apron (EN 463; type 6). If dust is present, wear a filtration mask (P2). Apply moisturising cream/lotion regularly to prevent skin drying out. There must be access to eye-irrigation facilities and a plentiful source of water.

9. Physical & Chemical Properties

Appearance:	Powder.
Colour:	White
Density/Specific Gravity:	-
pH Value (Concentrated):	-
pH Value (1% Solution):	12

10. Stability & Reactivity

Generates toxic gas on contact with acidic compounds or on strong heating. Also generates heat on contact with acidic substances, with a risk of turbulent boiling and consequent splashing.

11. Toxicological Information

EYE CONTAMINATION:	Causes tissue corrosion. Risk of serious risk of damage to cornea and loss of sight
SKIN CONTAMINATION:	Causes tissue corrosion.
INHALATION:	Inhalation of dust corrodes respiratory tract lining. Risk of permanent lung damage at high dosage.
INGESTION:	Corrosive; causes vomiting and distress.

12. Ecological Information

The product contains organic compounds that are very toxic to organisms in an aqueous medium, but are ultimately easily degradable. The product contains active chlorine that can combine with organic material to form small quantities of 'AOX' compounds (adsorbable organic halogen compounds) that accumulate in the environment.

13. Disposal Consideration

Disposal according to Local Authority regulations, e.g. delivery to designated station for disposal of chemical waste.

Verify that procedure complies with local regulations..

14. Transport Information

DANGER CLASS (ADR/RID):	Class 8
PROPER SHIPPING NAME:	Corrosive solid, Basic, Inorganic, n.o.s (disodium metasilicate, troclosene sodium dihydrate)

UN-No.: 3262
PACKAGING GROUP: III
HAZCHEM CODE: 2X
MARINE POLLUTANT: No

15. Regulatory Information



Label for supply:

Contains: Sodium metasilicate

Risk Phrases: R34: Causes burns.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R37: Irritating to respiratory system.
R31: Contact with acids liberates toxic gas.

S- Phrases: S2: Keep out of the reach of children.
S7: Keep container tightly closed.
S22: Do not breathe dust.
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).
S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

Regulatory Information: Health & Safety at Work Act. The Control of Substances Hazardous to Health.
The Chemicals (Hazard Information and Packaging for Supply) Regulations.

Comments: Requirements for special training: None specified. However, this product should only be handled by persons who have been instructed about its hazardous properties.

Harris Filters 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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