



HARRIS FILTERS NO RINSE STERILIZER

MATERIAL SAFETY DATA SHEET

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

Product Name: No Rinse Sterilizer

Trade Name: Sodium Percarbonate

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

Packaged: 200g - Packed in a strong blue foil stand up pouch with re-sealable bar and then tamper evident closed by heat sealing.

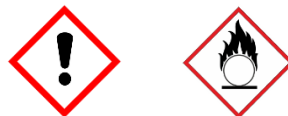
25Kg – Supplied in original packaging.

2. Composition/Information on ingredients

Ingredient	CAS No.	EC No.
Sodium Percarbonate	15630-89-4	239-707-6

Alternative Names: Sodium Carbonate Peroxyhydrate

3. Hazard Identification



Signal word: Danger

Classification: **O** (Oxidising), **Xi** (Irritant), **Xn** (Harmful)

Hazard Statements: H272 – May intensify fire; oxidiser
H302 – Harmful if swallowed
H315 – Causes skin irritation
H319 – Causes serious eye irritation

Precautionary Statements: P210 – Keep away from heat/sparks/open flames/hot surfaces
– No smoking
P221 – Take any precaution to avoid mixing with combustibles

P280 – Wear protective gloves/protective clothing/eye protection/face protection

P301+312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P305+351+338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+313 – If skin irritation occurs: Get medical advice/attention.

4. First Aid Measures

- Inhalation: Harmful by inhalation. May cause nausea, headaches, dizziness and intoxication. Move the exposed person to fresh air immediately. Seek medical attention immediately.
- Ingestion: Harmful if swallowed. Ingestion may cause: nausea, vomiting, central and/or peripheral nervous system damage. Drink plenty of water. DO NOT induce vomiting!
- Eye Contact: May cause severe irritation to eyes. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical advice if any discomfort continues.
- Skin Contact: Irritating to skin. Remove contaminated clothing immediately and wash skin with plenty of water and soap. Seek medical attention if symptoms occur after washing.

5. Fire Fighting Measures

- Fire extinguishing media: Use Carbon dioxide (CO₂).
- Unusual Fire & Explosion Hazards: May explode when heated or when exposed to sparks or flames. May also ignite other combustible material.
- Hazardous Decomp. Products: Generates toxic and corrosive gases. Keep away from combustible material.
- Special protective equipment: Wear appropriate protective equipment and self contained breathing apparatus in case of fire.

6. Accidental Release Measures

- Personal Precautions: Wear full personal protective equipment. Provide adequate ventilation. Avoid generating/spread or breathing dust. Do not smoke, use open flames or other sources of ignition.
- Environmental Precautions: Do not let product enter drains, water courses or sewers.
- Methods for Cleaning: Sweep or vacuum up into suitable containers for disposal. Collect in containers and securely seal. Containers must be

appropriately labelled with contents & hazard symbol. Flush area with plenty of water.

7. Handling & Storage

Handling: Avoid contact with clothing, skin or eyes. Avoid spilling. Wear suitable protective clothing. Do not breathe dust. Do not ingest. Use only with adequate ventilation & avoid generating dust. Remove/eliminate all sources of ignition.

Storage: Store in tightly sealed original containers in a cool, dry, well ventilated place away from direct sunlight.

8. Exposure Controls/Personal Protection

Exposure Limits: WEL – No data available.

Exposure control:

Engineering Measures: Provide adequate ventilation. Minimise the risk of inhalation of dust.

Respiratory Protection: Dust mask approved for this type of dust.

Hand Protection: Wear suitable protective gloves if risk of skin contact

Eye Protection: Wear approved safety goggles.

Skin Protection: Overalls, suitable protective footwear.

Other Protection: Provide eye wash station. Use engineering control to reduce air contamination to permissible exposure level.

9. Physical & Chemical Properties

Physical State: White powder or crystalline balls.

Odour: Odourless.

Bulk density: 2.01 – 2.16 kg/L

Boiling Point: No information available.

Melting Point: No information available.

Solubility: Soluble in water

Molecular weight: 154.01

pH diluted solution: 11.5 to 12.5 (1%)

Relative density: 0.99 g/cm³

10. Stability & Reactivity

Stability: Stable under normal temperature conditions.

Conditions to avoid: Avoid excessive heat or moisture.

Materials to avoid: Strong reducing agents. Strong acid, amines. Ammonia
Powdered metal. Sulphurous gases (SO_x). Zinc. Alkali metals.
Flammable/combustible material.

11. Toxicological Information

Toxic dose 1: LD50 – 2400 mg/kg (oral rat)
Toxic dose 2: LD50 – 2200 mg/kg (oral mouse)

Effects of exposure:

Eye Contact: Causes severe irritation. Risk of corneal damage. May cause chemical burns.

Skin Contact: Irritating to skin. May cause serious chemical burns.

Inhalation: Vapours may irritate throat and respiratory system and cause coughing, sore throat. May cause an asthma-like shortage of breath. Unconsciousness.

Ingestion: May cause chemical burns to mouth & throat.

12. Ecological Information

Toxicity: LC50, 96 Hrs, Fish mg/L 70.7
EC50, 48 Hrs, Daphnia, mg/L 4.9

13. Disposal Consideration

Dispose of waste in accordance with local authority regulation.

14. Transport Information

International Transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packaging group	Label
ADR/RID/ADN Class	3378	Sodium Carbonate Peroxyhydrate	5.1	II	5.1
IMDG Class	3378	Sodium Carbonate Peroxyhydrate	5.1	II	5.1
ICAO Class	3378	Sodium Carbonate Peroxyhydrate	5.1	II	5.1

15. Regulatory Information

Workplace exposure limits: EH40
Water hazard classification: WGK1

Hazard Symbols:



Special Precautions: Emergency action code – 1Y
 Hazard No. (ADR) – 50
 Tunnel Restriction code - E

Risk Phrases: R8 – Contact with combustible material may cause fire.
 R22 – Harmful if swallowed.
 R36/37/38 – Irritating to eyes, Irritating to respiratory tract,
 Irritating to skin

Hazard Statements: H319 – Causes serious eye irritation.
 H315 – Causes skin irritation.
 H302 – Harmful if swallowed.
 H272 – May intensify fire; oxidiser.

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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Revision date: 9 March 2016