



MATERIAL SAFETY DATA SHEET

Stericare

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

	27-04-20
Product Name	Stericare(Surface Disinfectant - Sterilizer)
Use of the substance/Preparation	
Product Description	Electro-chemically activated solution of sodium chloride (0.996 or less)
Reference number	CPRE-2020-025515

← MANUFACTURER/SUPPLIER →

Company Name	Intercare chemicals LLC
Office Address	Industrial area 15
Postal Code	5628
Place Name	Sharjah
Country	United Arab Emirates
Telephone	00971 6 5345500
Fax	00971 6 5349991
E-Mail	info@intercare.ae, sales.chemicals@intercare.ae
Website	www.intercare.ae

2. COMPOSITION/INFORMATION ON INGREDIENTS

Aqua	7732-18-5	>= 99%
Hypochlorous Acid	7790-92-3	<= 0.1%
Sodium Hypochlorite	7681-52-9	0.02%

3. HAZARDS IDENTIFICATION

Stability:	Loses its level of available chlorine at high temperatures and when exposed to direct sunlight
Conditions to avoid	Avoid accidental or uncontrolled contact of product with acids and hydrogen peroxide
Hazardous Decomposition Products	None
Hazardous Polymerization	Will not occur

4. FIRST AID MEASURES

Under normal use conditions the probability of any adverse health effect is low.

Exposure Limits	No exposure limits established for the product by ACGIH or OSHA
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Skin Contact:	Normally no reaction, if irritation occurs, wash affected area with water.
Eye Contact	If irritation occurs, flush eyes with water.
Ingestion:	Drink 8oz. glass of water.
Inhalation:	Normally no reaction. If breathing problems occur, move away from product, go to fresh air.
Medical conditions generally recognized as being aggravated by exposure to Product	N/A
Primary route(s) of exposure	Inhalation of product vapors or fumes is the most common route of exposure in occupational settings.
Developmental/Reproductive Toxicity:	No conclusion has been made based on Human and animal studies. No conclusion on the carcinogenicity of chlorine has been made based on the limited information available from human and animal studies.
Carcinogenicity:	Neither the product nor any of its constituents are listed in the latest NTP Annual Report on Carcinogens or has been found to be a potential carcinogen in the latest IARC Monograph or by OSHA Product does not possess cytogenetic activity based on the test results of chromosome induction operations in the bone marrow cells of mice.
Cytogenecity:	

5. FIRE-FIGHTING MEASURES

Extinguishing media which must not be used for safety reason	Not required
Specific hazards	Not flammable or explosive
Precautions in connection with Fire	Not required

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Product is ≤ 0.04896 sodium chloride (salt) and $\leq 0.02\%$ available chlorine. Some localities allow such concentration to be sent to open storm sewers; however, local environmental regulatory requirements should be followed. If desired, spills can be washed with plenty of water, or neutralized using sodium sulfide or sodium thiosulfate.
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7. HANDLING AND STORAGE

Storage	Follow instructions on label. Avoid contact with eyes.
Handling	Store in a cool and dry place, avoid high temperature and direct sunlight. Avoid using it in combination with other chemicals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

	No personal protective equipment is required under normal conditions. The following suggestions should be considered in case of accidental chlorine release due to acidification
Ventilation:	Open air or good room ventilation is normally adequate for the safe use of the product. Avoid breathing any vapors or fumes resulting from acid ventilation
Respiratory Protection	In accordance with OSHA regulations (29 CFR 1910.134 and 29 CFR 1910.1000) Spraying applications may require worker respiratory protection, such as (1) NIOSH/MSHA approved air-.- purifying respirators, or (2) NIOSH/MSHA approved canister/cartridge facial
Eye protection	Respirators for chlorine/acid vapors. Although Product is designed to be safe for eyes, good manufacturing and laboratory practices recommend the use of chemical safety goggles for all applications involving chemical handling.
Protective clothing	Although product is designed to be safe for skin, good manufacturing and laboratory practice recommend that, at a minimum, rubber, neoprene, or other chemically impervious gloves be worn for all applications involving chemical handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Boiling Point (QC)	100°C
Melting Point:/Range	NA
Flash Point (°C)	NA
Vapor Pressure (mm Hg @ 20a	NA
Vapor Density (Air = 1)	ND
Specific Gravity (H ₂ O = 1)	1.00-1.06 g/ml)
Density:	8.34 lbs /gal
Appearance/Color/Odor:	Clear, with a faint chlorinous / ozonous odour
Solubility in Water:	Complete
Evaporation Rate:	Comparable to Water
pH:	5.0 - 6.0

10. STABILITY AND REACTIVITY

Chemical Stability

Stable at normal conditions.

Conditions to avoid

Not Available

Incompatible material

Not Available

Hazardous Decomposition products

Not Available

Hazardous polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicology data available for this product.

Inhalation

Not considered to be hazardous by inhalation.

Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Skin contact

Not considered to be hazardous when in contact with skin. However for sensitive

Individuals, product may cause redness, itching and irritation.

Eye contact

May cause eye irritation, tearing, stinging, blurred vision, and redness.

12. ECOLOGICAL INFORMATION

Eco toxicity

: Not available

Persistence/ Degradability

: Not available

Mobility

: Not available

Bio accumulative Potential

: Not available

Environmental protection

: Prevent unnecessarily large amounts from entering the waterways.

13. DISPOSAL CONSIDERATIONS

Waste from residues

: Dispose of in accordance with local regulations.

Codes of waste (2001/573/EC,75/442/)

: Waste codes should be assigned by the user, preferably in discussion with the Waste disposal authorities. The following Waste Codes are only suggestions:

EEC, 91/689/EEC)

07 01 01* - aqueous washing liquids and mother liquors.

14. TRANSPORT INFORMATION

Transport Information

OSHA Label:

None Required

DOT Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, RQ (If needed)

Not DOT Regulated, No DOT label

required

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard:

This product is not a «Hazardous Chemical» as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200

Clean Air Act:

N/A

Product Label Text Hazard Information

Avoid contact with eyes and skin
Wash hands after handling product
Refer to MSDS
Keep out of Reach of Children

16. OTHER INFORMATION

This Material Safety Data Sheet (MSDS) was prepared in accordance with the provisions and requirements of 29 CFR§ 1910.1200(g) and discloses the physical and health hazards of all hazardous chemicals contained in the product described in this MSDS, but unless otherwise noted, does NOT describe or disclose ALL of the chemicals/components in the product, some of which may be Trade Secrets.

The information included in this MSDS is based on data developed or compiled by Stericare from open literature, independent laboratory studies, and other available scientific evidence and is believed to be accurate and complete, but Stericare makes no warranty with respect thereto. Neither does Stericare make any representation or warranty, express or implied, with respect to the Product or its suitability for any purpose or use, hereby disclaiming all such warranties, including the implied warranties of merchantability and fitness for a particular purpose and the implied warranty that the Product is free of claims of third persons by way of infringement or the like.

Anyone intending to use the Product described in this MSDS should satisfy himself that the Product (1) is suitable for their particular purposes and intended uses, and (2) meets any safety and health standardize applicable thereto. It is the obligation of each user of the Product described in the MSDS to determine and comply with the requirements of all statutes — local, state and federal — applicable to its use, storage and disposal.