

SAFETY DATA SHEET

Section 1: Identification

Product Name: Sanatzyze™ – HOCl Disinfectant Sanitizer

Chemical Name/Synonyms: Hypochlorous Acid, HOCl

Recommended use of the chemical and restrictions on use:

All Purpose Disinfectant Sanitizer

In emergency call 911.

Section 2: Hazard(s) Identification

Hazard Classification: To the best of our knowledge, this product does not meet the hazardous criteria set forth in the OSHA "Hazard Communication Standard" 29 CFR 1910.1200. Product is Non-flammable, non-toxic, non-corrosive

Signal Word(s): Not applicable

Hazard Statements: Eyes: no significant hazards expected under normal conditions at room temperature although slight irritation is possible

Skin: No hazards expected under normal use

Ingestion: No hazards expected under normal conditions although mild gastrointestinal irritation is possible

Precautionary Statements: None

Description of other hazards: Not applicable

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Hypochlorous acid	HOCl	7790-92-3	0.046%
Sodium Chloride	NaCl, Salt	7647-14-5	0.058%
Purified Ionized Water	H ₂ O	7732-18-5	99.896%

Section 4: First-Aid Measures

After skin contact: If irritation occurs, wash affected area with water

After eye contact: If irritation occurs, rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

After inhalation: If breathing problems develop, seek fresh air

After swallowing: Although this product is not known to cause gastrointestinal problems, if ingested, drink plenty of water

Under normal conditions, this product is not known to cause adverse health effects.

Notes to Physician: treat symptomatically.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Product is non-flammable and non-explosive

Special protective equipment for firefighters: None

Section 6: Accidental Release Measures

Personal precautions: Under normal conditions, no personal protective equipment is required

Measures for environmental protection: Product concentration does not usually require any special handling, however local environmental regulations should be followed

Measures for cleaning/collecting: Flush spill area with copious amounts of water

Section 7: Handling and Storage

Handling: No special precautions required.

Storage: Store in a cool dry ventilated area away from strong acids and oxidizing agents.

Section 8: Exposure Controls/Personal Protection

General protective and hygienic measures: No special precautions required under normal conditions

Breathing equipment: Not required under normal conditions

Protection of hands: Not required under normal conditions

Eye protection: Not required under normal conditions

Section 9: Physical and Chemical Properties

Form: Clear liquid

Odor: Faint chlorine odor

Odor threshold: Unknown

pH: 6.8

Melting point/melting range: 0°C

Boiling point/boiling range: 100°C

Flash point: Non-flammable

Evaporation rate: Same as water

Flammability: Non-flammable

Upper/lower flammability or explosive limits: Not applicable

Auto ignition temperature: Not applicable

Danger of explosion: None

Vapor pressure: Same as water

Vapor density: Same as water

Relative density: 1.00

Solubility in/Miscibility with water: 100%

Section 10: Stability and Reactivity

Reactivity: Non-reactive under normal circumstances

Chemical stability: Stable under normal conditions. Discard any product older than 2 years

Conditions to avoid: High temperatures. Contact with strong acids or oxidizing agents.

Incompatible materials: Strong acids and oxidizing agents

Hazardous decomposition products: None known

Section 11: Toxicological Information

Acute toxicity: None known

Potential routes of exposure/potential health effects

Although the product is not expected to cause irritation under normal circumstances, see section 4 if irritation occurs.

Skin: Not expected to cause irritation under normal circumstances

Eye: Not expected to cause irritation under normal circumstances

Inhalation: Not expected to cause breathing difficulties under normal circumstances

Ingestion: Not expected to cause irritation under normal circumstances

Carcinogenic effects: None of the ingredients are listed by OSHA, IARC or NTP as carcinogens

Mutagenic effects: None known

Reproductive toxicity: None known

Sensitization: None known

Target organs: None known

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: Product is not classified as hazardous to the environment

Mobility: Not determined

Biodegradation: Not determined

Bioaccumulation: Not determined

Section 13: Disposal Considerations (non-mandatory)

If local environmental regulations allow, dilute with water and flush

Section 14: Transport Information (non-mandatory)

DOT regulations: Not regulated

- **Hazard class:** None

Air transport ICAO-TI and IATA-DGR: Not regulated

Section 15: Regulatory Information (non-mandatory)

US Federal Regulations

SARA Section 355 (extremely hazardous substances): Not applicable

SARA Section 313 (specific toxic chemical listings): Not applicable

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): Not applicable

TSCA (Toxic Substances Control Act): Listed

Section 16: Other Information

SDS date of preparation/update: August 1, 2022