



SAFETY DATA SHEET

Zing Food Grade

ISSUED: 08/28/2020. REVISED: 09/04/2020. SUPERSEDES ALL PREVIOUS REVISIONS

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT TRADE NAME: Zing Food Grade / CLEANSEPURE

PRODUCT CHEMICAL NAME: HYDROLYZED MINERAL OXYCHLORIDE

PRODUCT INTENDED USE: CLEANING SOLUTION

MANUFACTURING: 100% US MADE

MANUFACTURED FOR DISTRIBU, LLC, 330 Rayford Road, Suite 779, TX 77386

DISTRIBUTED BY DISTRIBU, LLC

Non-emergency customer support Tel: 713-903-9544; E-Mail:
info@distribu.co Poison Control; For any life-threatening situation:
Dial 911

2. HAZARDS IDENTIFICATION:

CHEMICAL HAZARD: Mild oxidizing agent.

PHYSICAL

APPEARANCE: Clear transparent colorless liquid

POTENTIAL HEALTH EFFECTS

THIS SOLUTION IS NOT CONSIDERED A HAZARDOUS SUBSTANCE.

EYES: May cause mild irritation (tears, blurred vision and redness). **INGESTION:** May cause nausea.

SKIN: Not identified as a skin irritant. **INHALATION:** Not identified as a respiratory hazard. **POTENTIAL**

CARCINOGENS AS LISTED BY OSHA, IARC, OR NTP: None

PRECAUTIONARY STATEMENT(S)

P235+ P404+410	Keep cool. Store in a closed container. Protect from sunlight
P262	Do not get in eyes, on skin or on clothing.
P305, P351, P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	C.A.S.	Approx. Weight %
ACTIVE INGREDIENT: Sodium Hypochlorite	7681-52-9	< 1%
OTHER: Proprietary catalyst-stabilizer formula of natural mineral salts	N/A	< 1%*
OTHER: Water	7732-18-5	Balance

* This chemical substance is non-hazardous, and the exact percentage of its composition has been withheld as a trade secret.

4. FIRST AID MEASURES

COMMON SYMPTOMS OF OVER EXPOSURE: No Applicable data available.

EYES: Immediately flush with water for at least 15 minutes or until the chemical is removed. Get medical attention!

SKIN: Wash off with water. If clothing is contaminated, it may cause discoloration on some fabrics.

INGESTION: Drink plenty of water.

INHALATION: Move to fresh air.

NOTES TO PHYSICIAN: Follow usual and customary procedures.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD, FLAMMABLE LIMITS: Not flammable. No applicable data

available **GENERAL HAZARD:** Not considered a hazardous substance.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb spilled liquid. Wipe up with absorbent material. Clean surface thoroughly to remove residual.

LARGE SPILL: Absorb spillage. Use water spray to dilute and divert liquid. Prevent material from getting in water courses. Flush area with water after product recovery.

GENERAL PROCEDURES: Do not allow spilled material to mix with any acids. **SPECIAL PROTECTIVE EQUIPMENT:** Eye protection and protective clothing to protect from discoloration.

COMMENTS: See also section 13 for disposal information.

7. HANDLING AND STORAGE

HANDLING: Use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not taste or swallow.

STORAGE: Keep container closed when not in use. Avoid elevated temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Substance	CAS No.	Control Parameter
Sodium Hypochlorite	7681-52-9	Not applicable
Mineral salts stabilizer	Proprietary -None listed	Not applicable
Water	7732-18-5	Not applicable

Technical measures: Not special technical measures required.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Eye protection such as chemical splash goggles is recommended due to splashing or spraying liquid.

COMMENTS: Eye wash station and safety shower should be available in immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form: Liquid substance

Appearance Color: Transparent colorless.

Odor: Slight Chlorine
7.4 to 9.2, typical

Decomposition Temp: Above 35°C (above 95°F) **pH-value @ 68 °F:**

Specific Gravity: 1.007

Boiling Point: 100°C

Flash Point: Not Applicable

Freezing Point: -2°C (28°F)

Melting Point: No data available

Flammability: None

Ignition temperature: None

Support Combustion: No

Auto Igniting: No

Explosion Lower Limit: None

Density: 8.5 Lb/Gal estimated (3.86 Kg/Gal)

Vapor pressure @ 68 °F: 12.1 mm Hg

Relative Density: 1.007

Vapor Density: 2.61 (air= 1)

Solubility in Water: Complete

10. STABILITY AND REACTIVITY

STABILITY: Stable under recommended storage and handling conditions. Begins to decompose at approximately 35°C. Does not release gases.

REACTIVITY: See sub-sections below.

POLYMERIZATION: Hazardous polymerization is not expected to occur under normal temperatures and pressures.

CONDITIONS TO AVOID: Heating will cause decomposition

POSSIBILITY OF HAZARDOUS REACTIONS: Interaction with incompatible materials.

INCOMPATIBLE MATERIALS: Some metals, acids, and strong oxidizing materials.

HAZARDOUS DECOMPOSITION MATERIALS: Under normal conditions of storage and uses, hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not toxic to humans

SKIN: Does not cause skin corrosion.

EYES: Mild irritation. No serious eye damages.

INHALATION: No VOCs. Does not contain asthmagens.

INGESTION: No data available

IARC: None of the components of this product are listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

NTP: None of the components of this product are listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

OSHA: None of the components of this product are listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

MUTAGENICITY: Does not contain mutagens

SENSITIZATION: Not a sensitizer

REPRODUCTIVE EFFECTS: Does not contain reproductive toxins

ADDITIONAL INFORMATION: No additional information

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not toxic to the environment.

BIOACCUMULATION: Not resistant to degradation by biotic factors.

PERSISTENCE DEGRADABILITY: Degradation is expected quickly under aerobic and anaerobic conditions.

ENVIRONMENTAL DATA: The product as used is not toxic to aquatic life. Follow NPDES requirements.

AQUATIC BIODEGRADABILITY: Readily biodegradability. In fresh water, reactive oxygen species (ROS) break down rapidly into non-toxic compounds. Reaction is faster when exposed to sunlight. In seawater, ROS decline rapidly.

TOXICITY TO AQUATIC LIFE: Acute LC50 for algae, daphnia, or fish >100 mg/L

EUTROPHICATION: Does not contain phosphorus

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Observe all federal, state and local regulations when disposing of this substance.

EMPTY CONTAINER: Empty Container Warning (where applicable). Empty Containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty containers should be taken for recycling, recovery or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations.

DISPOSAL INSTRUCTIONS: The generation of waste should be avoided or minimized wherever possible and should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

CONTAMINATED PACKAGING, RESIDUES, UNUSED PRODUCTS: For hazardous waste regulations call 800-424-9346, the RCRA Hotline.

14. TRANSPORT INFORMATION

RESTRICTIONS: DOT: None

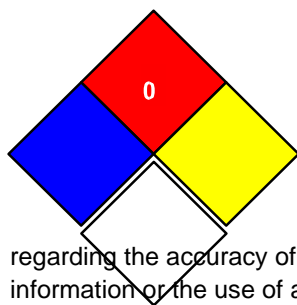
This product is not classified as dangerous according to the transport regulations.

15. REGULATORY INFORMATION

1. TSCA (TOXIC SUBSTANCE CONTROL ACT): Not listed or exempt
2. SCA STATUS: On the inventory, or in compliance with the inventory US FEDERAL REGULATIONS
3. TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): No applicable data available
4. US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): No applicable data available
5. CERCLA Hazardous Substance List (40 CFR 302.4), (SARA) SARA 302 Extremely hazardous substance: NO
6. Superfund amendments and reauthorization act of 1986): No applicable data available
7. SARA 304 Emergency release notification, SARA 311/312 Hazardous chemical: No applicable data available
8. SARA 313 (TRI reporting) NO
9. Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3): No applicable data available
10. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): No applicable data available US STATE REGULATIONS
11. US. California Proposition 65: NO
12. US. New Jersey Worker and Community Right-to-Know Act: No applicable data available

13. US. Massachusetts RTK - Substance List: No applicable data available
14. US. Pennsylvania RTK - Hazardous Substances: No applicable data available
15. US. Rhode Island RTK: No applicable data available

16. OTHER INFORMATION



NFPA 704:

FLAMMABILITY: 0

Will not burn under typical fire conditions.

REACTIVITY: 0

Stable, even when exposed to fire.

HEALTH: 0

Minimal Hazard.

MANUFACTURER SUPPLEMENTAL NOTES: no applicable data available

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regarding the accuracy of this data. Liability is expressly disclaimed for loss or injury arising out of use of this information or the use of any materials designated. It is the user's responsibility for determining whether the product is suitable for its intended conditions of use.

PREPARED AND REVIEWED BY: ENVIROCLEEN LLC. APPROVED: 09/04/2020

KEY OR LEGEND TO ABBREVIATIONS AND ACRONYMS USED IN THE SAFETY DATA SHEET

ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect
EC	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%		

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