

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking**Product identifier:**

Identification as on the label/Trade name: RUST PREVENTER CONCENTRATE

Product code: RC-1000

Synonyms: -

Relevant identification uses of the substance and uses advised against:

Identified uses: Mineral Sequestration/Chelation, Mineral Scale Prevention & Removal, Internal Corrosion Inhibitor.

Uses advised against: No other uses are advised.

Details of the Supplier of the Safety Data Sheet:

Rust-Master

1086 N.W. 53rd St

Fort Lauderdale, FL 33309

+1-954-772-2129

www.rust-master.com

Emergency telephone numbers:

24-hour Emergency Contact:

CHEMTREC 24-hour: +1-800-424-9300 (USA)

Section 2: Hazards Identification**Classification of the substances or mixture:**

The mixture is classified according to: Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Hazard classes/Hazard categories:

Acute toxicity oral, Category 5

Skin corrosive, Category 1

Label elements:**Hazard pictogram:**

Signal word: Danger.

Hazard statements:

H303 May be harmful if swallowed.

H314 Causes severe skin burns and eye damage.

Precautionary statements:**Prevention**

P260 Do not breathe dusts or mists.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection.

Response

P301+ P317 IF SWALLOWED: Get medical help.

P302 + P361 + P354 IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P354 + P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P316 Get emergency medical help immediately.

P321 Specific treatment (see supplemental first aid instruction on this label).

P363 Wash contaminated clothing before reuse.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container in accordance with local/national regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	SCLs, M-Factors, Acute Toxicity Estimates (ATE)	Classification EC1272/2008
	EC-No.			
Water	7732-18-5	Proprietary	-	Not Classified
	231-791-2			
Trade secret	-	Proprietary	-	Acute Tox. 5 H303 Skin Corr. 1 H314
	-			

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

Description of first aid measures:

Inhalation: Not a hazardous exposure route.

Skin contact: If on skin, wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Remove contaminated clothing and wash thoroughly before reuse.

Eye contact: In case of contact with substance, immediately flush eyes with running water for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion: If victim is conscious and alert, give 2-3 glasses of water to drink. Induce vomiting by touching the back of the throat with finger. Do not give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

Most important symptoms and effects, both acute and delayed:

Causes severe skin burns and eye damage.

Indication of any immediate medical attention and special treatment needed: All treatment should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures**Extinguisher media:**

Suitable extinguishing media: Use extinguishing media suitable for surrounding fire.

Unsuitable extinguishing media: None known.

Special exposure hazards: None known.

Protection for fire-fighters: Wear self-contained breathing apparatus and protective suit.

Section 6: Accidental Release Measures**Personal precautions, protective equipment and emergency procedures:**

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

Environmental precautions: Should not be released into the environment.

Methods for containment and cleaning up:

Small spills: Mop up spill and place in an appropriate closed container. Product residuals may be safely rinsed with water and evacuated into the sanitary sewer system.

Large spills: Squeegee material to a controlled area and mop up spill to be placed in appropriate container. Product residuals may be safely rinsed with water and evacuated into the sanitary sewer system.

Section 7: Handling and Storage**Precautions for safe handling:**

Avoid direct or prolonged contact with skin and eyes. Keep containers closed when not in use to prevent potential contamination.

Conditions for safe storage, including incompatibilities:

Store in a cool, dry place. Keep containers tightly closed.

Specific end uses: Refer to Section 1.

Section 8: Exposure Controls and Personal Protection**Control parameters:**

Occupational exposure limits: Does not contain any substances with occupational exposure limits.

Exposure controls:

Appropriate engineering controls: Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Wear chemical resistant gloves.

Eye protection: Wear chemical goggles or safety glasses.

Body protection: Chemically resistant materials and fabrics.

Environmental exposure controls: Do not allow the product to be released into the environment. May be released or rinsed into the sanitary sewer system with dilution with water.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance (form): Liquid.

Color: Light blue.

Odor: Slight.

Odor threshold: No data available.

pH: 4.8 – 5.3

Melting point/range (°C): -9 °C

Boiling point/range (°C): No data available.

Flash point (°C): No data available.

Evaporation rate: No data available.

Flammability: No data available.

Upper/lower flammability limits: No data available.

Vapor pressure (20 °C): No data available.

Vapor density: No data available.

Relative density (25 °C): 1.35

Water solubility (g/L) at 20 °C: Soluble.

n-Octanol/Water partition coefficient: No data available.

Auto-ignition temperature: No data available.

Viscosity, dynamic (mPa.s): No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: Stable under recommended conditions of use and storage.

Conditions to avoid: Heat and open flames, contact with incompatible materials.

Incompatible materials: Amines, alkalis, metals, oxidizers, and sulfites.

Hazardous decomposition products: Phosphorus oxides, sodium oxides.

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity: May be harmful if swallowed.

Skin corrosion/irritation: Causes severe skin burns and eye damage.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Results of PBT& vPvB assessment: No data available.

Section 13: Disposal Considerations

Product: Dispose of contents/container in accordance with all applicable local and national regulations.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport Information

UN number: 1760

UN proper shipping name: CORROSIVE LIQUID, N.O.S.

Transport hazard class: 8

Packing group: III

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding restrictions: None known.

EU Regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

US Regulations:

SARA Title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Title III Section 311/312 Hazard Categorization: Acute Health Hazard.

SARA Title III Section 313 Supplier Information: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

CERCLA Section 102(a) Hazardous Substance: This material does not contain any chemical components with CERCLA reportable quantities.

California Proposition 65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text):

H303 May be harmful if swallowed.

H314 Causes severe skin burns and eye damage.



**Safety Data Sheet for
RUST PREVENTER CONCENTRATE**

According to ISO 11014:2009

First Issue Date: 01-May-1972

Revision Date: 14-Sep-2023

Version: 1

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Disclaimer: Employers should use this information only as a supplement to other information gathered by them and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.