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SAFETY DATA SHEET (SDS)

Section 1 - Identification

Product identifier: Chemprime® Rust Converter and Inhibitor (NSN-6850-01-258-1225)

Chemical Formula: Acid Formula with Forest Green Appearance

Other Means of Identification: Stock No. 12201-Quart, Stock No. 51101-Gallon Bottle, Stock No. 51105-5 Gallon Pail Stock No. 51155-55 Gallon Drum

Recommended Use: Chemically converts rust to an inert iron-zinc strontium cellular film

Recommended Restrictions: None known

**IN THE EVENT OF AN EMERGENCY SPILL, LEAK, FIRE OR ACCIDENT CALL
TOLL FREE 24 HOURS, (800) 843-2254.**

For additional non-emergency information call (504) 945-8530, Monday-Friday 8:00 a.m.- 5:00 p.m. CDT
or email us at alconchemical@bellsouth.net.

Section 2 - Hazard(s) Identification

Physical Hazards: Skin Corrosion/Irritation Category 1B
Serious Eye Damage Category 1
Acute Toxicity, Inhalation Category 4

Environmental Hazards: Not classified

OSHA Defined Hazards: Corrosive

Pictogram:



Signal Word: Danger

Hazard Statement: Causes severe skin burns and serious eye damage. Harmful if inhaled.
May cause respiratory irritation.

Precautionary Statements

Prevention: Do not breathe dust, fumes, gas, mist, vapors or spray. Use only outdoors or in a well ventilated area. Do not get in eyes, on skin, or on clothing. Wear protective gloves and clothing. Wear eye face protection. Do not eat, drink or smoke when using this product.

Response: **If Swallowed:** Rinse mouth. Do NOT induce vomiting. **If on Skin (or Hair):** Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before use. **If Inhaled:** Remove person to fresh air and keep comfortable for breathing. Immediately call a poison control center or physician. **If in Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison or control center or physician. **In case of Fire:** Use appropriate media to extinguish.

Storage: Keep out of reach of children and animals. Do not allow product to freeze. Keep container tightly closed. Store in a well ventilated place. Store locked up.

Disposal: Dispose of contents or container in accordance with local/regional/national/international regulations.

Hazard(s) Not Otherwise Classified (HNOC): None known

Section 3 - Composition/Information on Ingredients

COMPONENT	CAS No.	%
Phosphoric Acid	7664-38-2	20-40

***Other Components:** Water, Wetting Agents, Zinc and Strontium (Polyvalent), Dye.

*Specific chemical identities and/or percentages of this product have been withheld as a trade secret.

Section 4 - First Aid Measures

If In Eyes: Open eyelids and rinse immediately with clean water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

If On Skin: Remove contaminated clothing and/or footwear. Flush skin with water for several minutes. Launder clothing before reuse. Seek medical attention if irritation or burning persists.

If Inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, administer oxygen. In case of respiratory arrest, administer artificial respiration. Seek medical attention if problems continue or develop.

If Ingested: Rinse mouth with water. Do not induce vomiting. Dilute with several glasses of milk. Seek medical attention immediately or call poison control center.

General

information: If exposed or concerned, seek medical attention. Ensure medical personnel are aware of material involved and take measures to protect themselves. Show this SDS to the doctor in attendance.

Section 5 - Fire Fighting Measures

NFPA RATING EXPLANATIONS

HEALTH HAZARD

4 - Deadly
3 - Extreme Danger
2 - Hazardous
1 - Slightly Hazardous
0 - No Hazard

ACID - Acid
ALK - Alkaline
COR - Corrosive
OX - Oxidizer
☢ - Radioactive
☞ - Reacts Violently With Water

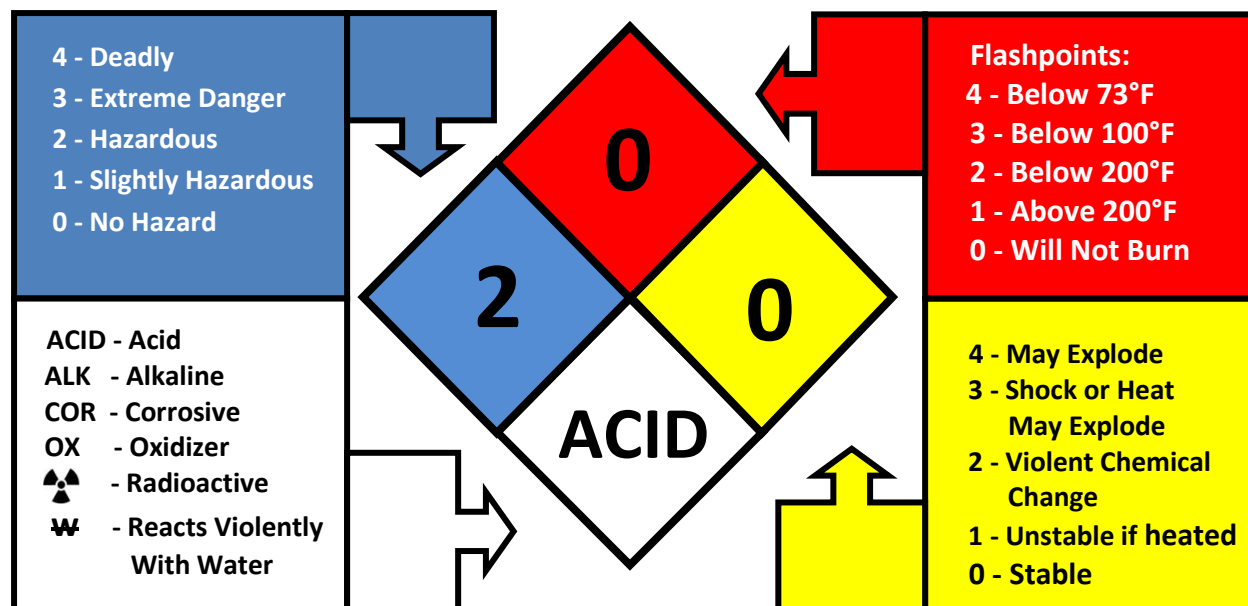
SPECIAL HAZARD

FIRE HAZARD

Flashpoints:
4 - Below 73°F
3 - Below 100°F
2 - Below 200°F
1 - Above 200°F
0 - Will Not Burn

4 - May Explode
3 - Shock or Heat
May Explode
2 - Violent Chemical
Change
1 - Unstable if heated
0 - Stable

INSTABILITY HAZARD



Flashpoint: Not flammable or combustible.

Extinguishing Media: Not applicable.

Section 6 - Accidental Release Measures

Wear appropriate protective equipment (see Section 8 of this SDS) to prevent any contamination of skin, eyes and personal clothing. Contain spill area and prevent entry into waterways, sewers or basements. Absorb, sweep, scoop material and place into chemical waste containers. Neutralize remaining residual with appropriate materials. Do not release into drains, surface and ground water. Dispose of according to Federal, State and Local regulations. Large spills should be handled by trained personnel with appropriate protective clothing and equipment. Spills in reportable quantities must be reported as per US Regulations (CERCLA).

Section 7 - Handling and Storage

Handling: Wear appropriate personal protective equipment (PPE). Do not breathe mist, vapors, spray or fumes. Do not get in eyes, skin, or on clothing. Avoid prolonged exposure. Do not taste or swallow. Use outdoors only or in a well ventilated area. Wash hands thoroughly after handling. Avoid excessive heat. Do not mix this product with any other chemical.

Storage: Store locked up. Keep out of reach of children and animals. Store in a cool, dry place out of direct sun light. Do not allow to freeze. Keep cap tight on container when not in use. Store away from materials that may be incompatible.

Section 8 - Exposure Controls/Personal Protection

Occupational Exposure Limits:

COMPONENT	CAS No.	OSHA PEL*	ACGIH TLV*
Phosphoric Acid	7664-38-2	1mg/m ³	1 mg/m ³

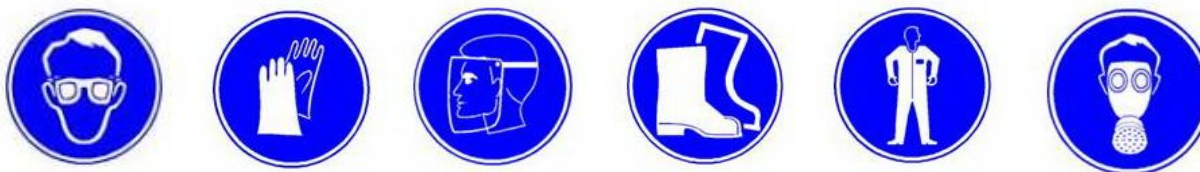
*Based on 8 hour time weighted averages

Biological Limit Values: Not known

Appropriate Engineering Controls: Provide natural or mechanical ventilations to control exposure levels below airborne exposure limits listed above. If possible, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. Avoid breathing vapors, spray, gas, mist or fumes. Use only in well ventilated areas.

Individual Protection Measures, Personal Protective Equipment (PPE):

SELECT THE APPROPRIATE LEVEL OF PERSONAL PROTECTION (PPE) BASED ON INTENDED USE.



Eye/Face Protection: Wear protective eyeglasses (with side shields), face shield or chemical safety goggles per 29 CFR 1910.133. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses. Have eyewash/shower facilities immediately available.

Skin Protection: Wear chemically protective gloves (Nitrile, Neoprene), rubber boots, aprons or gauntlets to prevent prolonged or repeated skin contact. Wash hands and contaminated skin thoroughly after handling. Have safety shower facilities immediately available.

Respiratory Protection: Avoid breathing vapors, spray, gas, mist or fumes. Use outdoors or in well ventilated areas only. If ventilation is inadequate or exposure limits are exceeded in Section 8, a full face piece respirator with an acid gas cartridge must be worn. If you use Chemprime® in a closed compartment or room, use must use a NIOSH/MSHA approved respirator. Consult the respirator manufacturer to determine the appropriate type of equipment need for a given application. Observe all respirator use limitations specified by NIOSH/MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134.

Thermal Hazards: Wear appropriate thermal protective clothing when necessary.

Section 9 - Physical and Chemical Properties

Physical State: Liquid	Upper Lower Flammability or Explosive Limits: None
Appearance: Forest green color	Vapor Pressure (mm Hg): 30
Odor: Acidic	Vapor Density (Air=1): 1.12
Odor Threshold: Not available	Relative Density: Not available
pH: <1	Solubility (ies): Complete
Melting Point: Not available	Partition Coefficient (N-Octanol/Water): Not available
Initial Boiling Point and Boiling Range: Not available	Auto-Ignition Temperature: Not applicable
Flash Point: None	Decomposition Temperature: Not available
Evaporation Rate: Not available	Viscosity: Not Available
Flammability (Solid, Gas): Not applicable	% Volatiles by Volume (70°F): 0
Specific Gravity (H₂O=1 at 4 °C): 1.15	Volatile Organic Compound: Inorganic

Material Name: Chemprime Rust Converter and Inhibitor Version: 1 Date of Issue: 06-01-2015 Revision Date: 06-01-2015

Section 10 - Stability and Reactivity Information

Reactivity: Chemprime® is stable under normal conditions of storage and transport.

Chemical Stability: Chemprime is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Avoid extreme heat. Do not allow product to freeze.

Incompatible Materials: Avoid contact with high pH (alkaline) chemicals and strong oxidizing agents. Reactions with other materials may liberate toxic and/or explosive hydrogen gases.

Hazardous Decomposition Products: No hazardous decomposition products are known.

Section 11 - Toxicological Information

Information on Likely Routes of Exposure:

Eye Contact: Causes serious eye damage. Symptoms may include pain, stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Skin Contact: Harmful if in contact with skin. Cause severe skin burns. Burning may be delayed. Prolonged exposure may cause irritation, redness, pain and destruction of skin tissue.

Inhalation: Harmful if inhaled. May cause respiratory irritation if inhaled as mist or if the product is vaporized. Burning of the nose, throat and respiratory tract.

Ingestion: Harmful if swallowed. May cause burning to the mouth, throat and abdomen. Vomiting and diarrhea may result.

Symptoms Related to The Physical, Chemical and Toxicological Characteristics: See above.

Skin Corrosion/Irritation: Causes severe skin burns.

Serious Eye Damage/Eye Irritation: Causes serious eye damage.

Respiratory Sensitization: No data available.

Skin Sensitization: No data available.

Germ Cell Mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive Toxicity: No data available.

Specific Target Organ Toxicity (Single Exposure): No data available.

Specific Target Organ Toxicity (Repeated Exposure): No data available.

Aspiration Hazard: Prolonged inhalation may be harmful.

Chronic Effects: None known.

Section 12 - Ecological Information

Ecotoxicity: Not classified as environmentally hazardous.

Persistence and Degradability: No data available on the biodegradation of this product.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: Large or frequent spills may potentially have a harmful effect on the environment.

Section 13 - Disposal Considerations

Disposal Methods: Do not allow this product to enter drains or waterways. Collect and reclaim product in disposal containers at a licensed waste disposal site. For the safety of persons conducting disposal, recycling or reclamation activities, please refer to the information in Section 8 (Exposure Controls and Personal Protection) of the SDS.

Disposal Regulations: Dispose of waste in accordance with local, state, federal, and international regulations.

Contaminated Packaging: Empty containers contain residue. Follow label warnings even after container is emptied.

Section 14 - Transportation Information

Note: This information is provided as reference only. Refer to appropriate regulations to properly classify your shipment for transportation.

UN Number: 1805

DOT Shipping Information: UN1805, Phosphoric Acid Solution, 8, PG III

Hazard Class: 8

Packing Group: III

Marine Pollutant: No

Emergency Response Guide Book No. (ERG): 154

Poison Inhalation Hazard: No

Section 15 - Regulatory Information

OSHA Hazards: Corrosive

Emergency Planning and Community Right-to-Know Act (EPCRA), Extremely Hazardous Substances (EHS)

This product does not contain any chemicals subject to the reporting requirements of SARA Title III, Section 302

Emergency Planning and Community Right-to-Know Act (EPCRA), Toxic Chemical Release Inventory Reporting

This product does not contain any chemicals subject to the reporting requirements of SARA Title III, Section 313

Section 16 - Other Information

National Stock Number: 6850-01-258-1225

HMIS	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	*

***Select Personal Protection Equipment (PPE) Based on Intended Use.**

Notice: All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Al-Con Chemical makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Al-Con Chemicals control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purpose and they assume all risks of their use, handling, and disposal of this product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

End of SDS