

SAFETY DATA SHEET

DETERGENT MARKETING SYSTEMS, INC.

ISSUE DATE: 2/16/2015
REV. DATE: 3/1/2018

1. IDENTIFICATION

PRODUCT NAME: Hard Water Rinse Additive
PRODUCT CODE: 0381041.
RECOMMENDED USE: Automatic ware wash.
RESTRICTIONS ON USE: Follow Label Instructions.
LABEL COMPANY BRAND: CHEMPRO

Detergent Marketing Systems, Inc. | 300 N. LAKE STREET | MONTGOMERY, IL
60538

EMERGENCY NUMBER: 1- 800-255-3924 CHEMTEL

PRODUCT INFORMATION: 1-800-227-7765

INTERNET ADDRESS: www.detergentmarketing.com

2. HAZARDS IDENTIFICATION

CLASSIFICATION:

Skin Corrosion and Irritation.
Serious eye damage and eye irritation.
Corrosive to metals.

LABEL ELEMENTS

PHYSICAL STATE: Liquid **COLOR:** Pink

ODOR: Acidic

SIGNAL WORD: Danger **PICTOGRAMS:** Corrosive

HAZARD STATEMENTS: Causes skin burns, eye damage and may be corrosive to metals.

PRECAUTIONARY STATEMENTS: Avoid breathing vapors or mists. Use only with adequate ventilation. Do not ingest. Do not eat, drink or smoke when using this product. Avoid contact with eyes, skin and clothing. Keep container closed. Wash thoroughly after handling.

FIRST AID: IF IN EYES: Rinse cautiously and continuously with water for several minutes. **IF ON SKIN OR HAIR:** Take off all contaminated clothing immediately. Rinse skin with water for several minutes. **IF SWALLOWED:** Rinse mouth with water. **Do NOT** induce vomiting. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. SEE (Sec. 4)

START FIRST AID IMMEDIATELY AND CONTACT A PHYSICIAN.

KEEP OUT OF REACH OF CHILDREN. FOR COMMERCIAL AND INDUSTRIAL USE ONLY. HAZARDS NOT OTHERWISE CLASSIFIED: Not applicable.

Category 1

Category 1

Category 1



3. COMPOSITION – INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	PERCENT
ALCOHOL ALKOXYLATE	166736-08-9	10-17
HYDROCHLORIC ACID	7647-01-0	6-12
PHOSPHORIC ACID	7664-38-4	6-12
SODIUM XYLENE SULFONATE	1300-72-7	1-5
ISOPROPYL ALCOHOL	67-63-0	0.5-2

4. FIRST AND MEASURES

EYE CONTACT: Flush with plenty of water for several minutes. If irritation occurs and persists, get medical attention.

SKIN CONTACT: Remove clothing. Flush skin with plenty of water. If irritation occurs and persists, get medical attention.

INHALATION: Move to a well ventilated area.

INGESTION: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Dilute by drinking milk or water if tolerable. Get medical attention immediately.

SYMPTOMS and/or EFFECTS: Causes eye irritation and skin irritation

MEDICAL CONDITIONS AGGRAVATED: N/A

5. FIRE FIGHTING MEASURES

CHEMICAL HAZARDS: Corrosive

FLAMABILITY OF THE PRODUCT: If heated, a pressure increase will occur. Container may burst.

SUITABLE EXTINGUISHERS: Water, dry chemical, CO2 or foam suitable for fire.

UNSUITABLE EXTINGUISHERS: No restrictions.

SPECIAL EXPOSURE HAZARD: Isolate the scene by removing all persons from the area if there is a fire.

No action shall be taken involving any personal risk without training.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: No specific data.

PROTECTIVE EQUIPMENT: Fire fighters should wear appropriate protective equipment and SCBA with a full face piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: No action shall be taken involving any personal risk or without training. Evacuate the area. Keep unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate ventilator if ventilation is inadequate.

ENVIRONMENTAL PRECAUTIONS: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.

METHODS FOR CLEANING UP SMALL AND LARGE SPILLS: Small spills may be wiped up and rinsed with water. For larger spills, dike to contain. Pump to labeled container or absorb spillage and scoop up with inert absorbent material. Rinse and area with water and follow with normal clean up procedures.

7. HANDLING AND STORAGE

HANDLING: Follow all label directions. Instruct personnel about proper use, hazards, precautions, and first aid measures. Avoid contact with eyes. Do not taste or swallow. Product residue may remain on or in empty containers. Handle carefully to avoid damaging container.

STORAGE: Keep container closed when not in use. Storage at ambient temperatures in a dry area out of direct sunlight. Protect from freezing. Rotate stock regularly. Keep away from food and drink. Store locked up. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS: ISOPROPYL ALCOHOL = 200 PPM TWA, 400 PPM STEL (ACGIH). 400PPM TWA (OSHA), ALCOHOL ALKOXYLATE = NONE
Hydrochloric Acid = 7mg/m³ ceiling, 500ppm (OSHA/DLH), Phosphoric Acid = 1000mg/m³.

ENGINEERING CONTROLS: None required. general room ventilation is adequate.

PERSONAL PROTECTION

EYES: Not required with normal use.

HANDS: Chemical resistant gloves.

RESPIRATORY: Not required with normal use.

FEET: Rubber boots for clean-up.

BODY: Not required with normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Pinkish

ODOR: Acidid

pH CONCENTRATE: 2-4

pH @ 2500 PPM SOLUTION: N/A

DILUTION: N/A

PHYSICAL STATE: Liquid

RELATIVE DENSITY (WATER): 1.1

SOLUBILITY (WATER): Completely

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

VISCOSITY: Non-Viscous

FLASH POINT: None

10. STABILITY AND REACTIVITY

REACTIVITY: Do not mix with other chemicals.

CHEMICAL STABILITY: Stable.

POSSIBILITY OF HAZARDOUS REACTIONS: None known. Will not polymerize.

CONDITIONS TO AVOID: Temperatures below 35°F (1.6°C) or above 120°F (49°C).

MATERIALS TO AVOID: Direct mixing with other chemicals. Mix only with water. **HAZARDOUS**

DECOMPOSITION PRODUCTS: None under normal conditions.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Eyes, skin, ingestion, inhalation.

INFORMATION ON ROUTES OF EXPOSURE: No IC50/ID50 test data for mixture.

ACUTE TOXICITY -

EYES: Eye damage and irritation.

SKIN: Skin irritation.

INGESTION: May cause irritation and nausea.

INHALATION: Unknown.

CHRONIC - OTHER EFFECTS: No reportable germ cell mutagens, skin sensitizers, respiratory sensitizers, reproductive toxins or aspiration hazards.

SPECIFIC TARGET ORGANS: N/A.

NUMERICAL MEASURES OF TOXICITY: ATEmix (ORAL-RAT) = above 1700 MG / KG

CARCINOGENS: No reportable ACGIH, IARC, NTP, or OSHA carcinogens.

12. ECOLOGICAL INFORMATION**ECOTOXICITY :** N/A**AQUA EXOTOXICITY:** N/A**PERSISTENCE/DEGRADABILITY:** N/A**13. DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: Dispose of contents in accordance with all Federal, State, and local applicable laws and regulations. Consult State and local authorities for restrictions on disposal of chemical waste. Manage chemical wastes through an approved waste treatment facility. Do not reuse empty container. Rinse empty container thoroughly with water before discarding container in accordance with current local community codes. Please recycle empty container whenever possible.

14. TRANSPORT INFORMATION

DOT / IMDG / IATA / TDG: Corrosive liquid N.O.S., 8 UN 1760 PGII, (contains phosphoric acid and hydrochloric acid.

15. REGULATORY INFORMATION**EPA CERCLA RQ:** No**EPA REGISTERED:** No**FDA REGULATED:** No**OSHA HAZARDOUS:** No**PHOSPHORUS CONTENT:** 0.00%**PROPOSITION 65:** No**SARA 311/312 HAZARDS:** Acute**SARA 313 CHEMICALS:** No**STATE RIGHT TO KNOW:** WATER/7732-18-5, ISOPROPYL ALCOHOL/67-63-0, ALCOHOL ALKOXYLATE/166736-08-9, SODIUM XYLENE/1300-72-7**TSCA INVENTORY STATUS:** All components are listed on the inventory.**VOC:** 7.5% Calculation method used is based on California ARB standard.**16. OTHER INFORMATION****NFPA Rating:** Health-3/Flammability-0/Instability-0/Special Hazard-N.A.P**ABBREVIATIONS:** N/A = Not applicable**NOTICE TO READER**

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Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.