

MACH ENDURANCE

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Mach Endurance
Product Code: A1119
Recommended Use: Mechanical Warewashing Detergent

Company

Auto-Chlor System
746 Poplar Avenue
Memphis, TN 38105
Questions/Comments: 901-579-2300

Emergency Telephone Numbers

MEDICAL: 1-866-923-4946 (PROSAR) **SPILLS:** 1-800-424-9300 (CHEMTREC)

2. HAZARDS IDENTIFICATION

OSHA Hazard Classification

Signal Word: DANGER
Acute Toxicity: Category 4 (oral)
Acute Toxicity: Category 4 (dermal)
Skin Corrosion: Category 1
Eye Irritation: Category 1



HAZARD STATEMENTS

H302: Harmful if swallowed
H312: Harmful in contact with skin
H314: Causes severe skin burns and eye damage

PRECAUTIONARY STATEMENTS

P264: Wash hands thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P280: Wear eye protection and protective gloves
P301/312: If swallowed, call a poison center/doctor if you feel unwell.
P330: Rinse mouth.
P302/P352: If on skin, wash with plenty soap and water.
P362/P364: Take off contaminated clothing and wash it before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Water	7732-18-5	55.0 – 60.0
Sodium Hydroxide	1310-73-2	20.0 – 25.0
Sodium Citrate dehydrate	6132-04-3	12.0 – 17.0
2-propenoic acid, telepolymer, Na hydrogen sulfite	66019-18-9	1.0 – 5.0
2-propenoic acid, homopolymer, Na salt	9003-04-7	1.0 – 5.0
Dye	3734-67-6	< 1.0

4. FIRST AID MEASURES

- Ingestion:** If swallowed, rinse mouth. Do NOT induce vomiting.
- Inhalation:** If inhaled, remove person to fresh air and keep comfortable for breathing.
- Skin Contact:** If on skin, remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
- Eye Contact:** 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 center.

5. FIREFIGHTING MEASURES

- Extinguishing Media:** Class A/B/C fire extinguisher, dry chemical, carbon dioxide, or foam
- Specific Hazards:** None known
- Protective Equipment:** Wear full protective clothing and self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Isolate spill or leak area immediately. Adequately ventilate area.
- Protective Equipment:** Wear appropriate personal protective equipment as specified in Section 8.
- Cleanup Procedures:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

7. HANDLING AND STORAGE

- Handling Precautions:** Avoid contact with skin, eyes and clothing. DO not taste or swallow. Wash thoroughly after handling and before eating. FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.
- Storage:** Protect from freezing. Store locked up. Keep tightly closed in a dry, cool and well ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:	No occupational exposure limits established for this product.
Appropriate Engineering Controls:	Good general ventilation should be sufficient to control airborne levels.
Personal Protective Equipment	
Eye Protection:	Wear protective glasses, goggles or eye shield.
Skin Protection:	Wear impervious protective clothing, including gloves and apron.
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear red liquid	Evaporation Rate: No information available
Odor: No specific odor	Odor Threshold: No information available
pH: >14	Vapor Density: No information available
Specific Gravity: 1.34 g/ml	Vapor Pressure: No information available
Solubility: Soluble in water	Partition Coefficient: No information available
Flash Point: No information available	Auto-Ignition Temperature: No information available
Boiling Point: >212°F	Decomposition Temperature: No information available
VOC: No information available	Melting/Freezing Point: No information available
Viscosity: No information available	Flammability: No information available

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Hazardous Polymerization:	Will not occur
Incompatibility:	Acids
Hazardous Decomposition Products:	Oxides of carbon and nitrogen

11. TOXICOLOGY INFORMATION

Likely Routes of Exposure:	Inhalation, eye and skin contact
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Acute Symptoms

Eye and Skin Contact: May cause severe burns.
Ingestion: May cause burns to mouth, throat and stomach.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Chronic Effects: None known

12.ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

13.DISPOSAL CONSIDERATIONS

No special precautions. Triple rinse empty container with water. Offer for recycling if available. Dispose of according to all local and federal regulations.

14.TRANSPORT INFORMATION

UN Number: UN3266
Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, n.o.s. (Sodium Hydroxide)
Hazard Class: 8
Packing Group: II

15.REGULATORY INFORMATION

This product contains the following component which is subject to the reporting requirements of SARA Section 302, SARA Section 313 and/or CERCLA:

Sodium Hydroxide, CAS No.1310-73-2
 CERCLA Final RQ: 1,000 lbs

California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

INGREDIENTS	CAS NO.	FUNCTION
Sodium Hydroxide	1310-73-2	Builder
Water	7732-18-5	Solvent
Sodium Citrate dehydrate	6132-04-3	Chelant
2-propenoic acid, telepolymer, Na hydrogen sulfite	66019-18-9	Surfactant
2-propenoic acid, homopolymer, Na salt	9003-04-7	Surfactant
Dye	3734-67-6	Colorant

16.OTHER INFORMATION

Revision Date: 01/13/20
Supersedes: 08/29/18
Reason for Revision: Updated Section 15

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