

## 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

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGY INFORMATION

<b>Likely Routes of Exposure:</b>	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

<b>16.OTHER INFORMATION</b>
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**Revision Date:** 01/13/20  
**Supersedes:** 08/29/18  
**Reason for Revision:** Updated Section 15

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