# SAFETY DATA SHEET

## MACHINE DETERGENT 3X

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Machine Detergent 3X
**Product Code:** A0036
**Recommended Use:** Mechanical Dishwashing 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
**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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENTS | CAS NO. | % COMPOSITION |
|---|---|---|
| Water | 7732-18-5 | 45.0 – 50.0 |
| Sodium Hydroxide | 1310-73-2 | 15.0 – 20.0 |
| Sodium Nitrilo-triacetate, monohydrate | 18662-53-8 | 10.0 – 15.0 |
| Polyacrylic Acid | Mixture | 1.0 – 5.0 |
| Amino tris (methylenephosphonic acid) | 6419-19-8 | 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
**Odor:**
No information available
**pH:**
No information available
**Specific Gravity:**
1.29 g/ml
**Solubility:**
Soluble in water
**Flash Point:**
No information available
**Boiling Point:**
No information available
**VOC:**
No information available
**Viscosity:**
No information available
**Odor Threshold:**
No information available

**Evaporation Rate:**
No information available
**Odor Threshold:**
No information available
**Vapor Density:**
No information available
**Vapor Pressure:**
No information available
**Partition Coefficient:**
No information available
**Auto-Ignition Temperature:**
No information available
**Decomposition Temperature:**
No information available
**Melting/Freezing Point:**
No information available
**Flammability:**
No information available
**Lower Explosive / Upper Explosive:**
No information available

## 10.STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions
**Hazardous Polymerization:** Will not occur
**Incompatibility:** None known
**Hazardous Decomposition Products:** None reasonably foreseeable

## 11.TOXICOLOGY INFORMATION

**Likely Routes of Exposure:** Inhalation, eye and skin contact

**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

## 16.OTHER INFORMATION

| | |
|---|---|
| **Revision Date:** | 12/05/14 |
| **Supersedes:** | 05/12/10 |
| **Reason for Revision:** | Updated per GHS Format |

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