

INSTITUTIONAL MACHINE DETERGENT

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Institutional Machine Detergent
Product Code: A0022
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
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	60.0 – 65.0
Tetrapotassium Pyrophosphate	7320-34-5	5.0 – 10.0
Potassium Hydroxide	1310-58-3	1.0 – 5.0
Sodium Hypochlorite	7681-52-9	1.0 – 5.0
Polyacrylic Acid	66019-18-9	1.0 – 5.0
Sodium Hydroxide	1310-73-2	< 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 yellow liquid

Odor:

Chlorine odor

pH:

No information available

Specific Gravity:

1.14 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.

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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., (Potassium Hydroxide)
Hazard Class: 8
Packing Group: PGII

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:

Potassium Hydroxide, CAS No.: 1310-58-3
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
Water	7732-18-5	Solvent
Tetrapotassium Pyrophosphate	7320-34-5	Builder
Potassium Hydroxide	1310-58-3	pH Adjuster
Sodium Hypochlorite	7681-52-9	Cleaning Enhancer
Polyacrylic Acid	66019-18-9	Polymer
Sodium Hydroxide	1310-73-2	pH Adjuster

16.OTHER INFORMATION

Revision Date: 01/01/2020
Supersedes: 12/03/2014
Reason for Revision: Added California Right to Know Act regulations.

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