SAFETY DATA SHEET

SCALE KLEEN

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Scale Kleen
Product Code: A0362
Recommended Use: Scale and Lime Deposits Removal

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	40.0 – 45.0
Phosphoric Acid	7664-38-2	22.0 – 28.0
Nitric Acid	7697-37-2	18.0 – 23.0
Poloxalene	9003-11-6	<1.0
Urea	57-13-6	<1.0
Dye	25956-17-6	<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:
1.24 – 1.26 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:	UN3264
Proper Shipping Name:	Corrosive Liquid, Acidic, Inorganic, N.O.S., (Phosphoric Acid, Nitric Acid)
Hazard Class:	8
Packing Group:	II

15.REGULATORY INFORMATION

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

Phosphoric Acid, CAS No.: 7664-38-2
CERCLA: Final RQ = 5,000 lbs

Nitric Acid, CAS No.: 7697-37-2
CERCLA: Final RQ = 1,000 lbs
Section 302: Listed
Section 313: Listed

16.OTHER INFORMATION

Revision Date:	01/30/15
Supersedes:	02/18/11
Reason for Revision:	Updated per GHS Format

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