

**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 characteristic odor

**pH:**

No information available

**Specific Gravity:**

1.24 – 1.26 g/ml

**Solubility:**

Soluble in water

**Flash Point:**

No information available

**Boiling Point:**

215°F

**Volatile by Volume:**

59.5

**Viscosity:**

No information available

**Freezing Point:**

&lt; 40

**Evaporation Rate:**

No information available

**Weight % Solids:**

40.5%

**Vapor Density:**

17.3

**Vapor Pressure:**

17.5 at 20°C

**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:**

Sodium hypochlorite, strong alkalis and soft metals

**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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