

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 (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 | 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: | Evaporation Rate: |
| Clear red liquid | No information available |
| Odor: | Weight % Solids: |
| No characteristic odor | 40.5% |
| pH: | Vapor Density: |
| No information available | 17.3 |
| Specific Gravity: | Vapor Pressure: |
| 1.24 – 1.26 g/ml | 17.5 at 20°C |
| Solubility: | Partition Coefficient: |
| Soluble in water | No information available |
| Flash Point: | Auto-Ignition Temperature: |
| No information available | No information available |
| Boiling Point: | Decomposition Temperature: |
| 215°F | No information available |
| Volatile by Volume: | Melting/Freezing Point: |
| 59.5 | No information available |
| Viscosity: | Flammability: |
| No information available | No information available |
| Freezing Point: | Lower Explosive / Upper Explosive: |
| < 40 | 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

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 |
| Phosphoric Acid | 7664-38-2 | pH Adjuster |
| Nitric Acid | 7697-37-2 | pH Adjuster |
| Poloxalene | 9003-11-6 | Surfactant |
| Urea | 57-13-6 | Stabilizer |
| Dye | 25956-17-6 | Colorant |

16.OTHER INFORMATION

Revision Date: 01/01/20

Supersedes: 08/08/18

Reason for Revision: Updated Section 2 (route of exposure and precautionary statements)

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.