SAFETY DATA SHEET

D-SCALE

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: D-Scale
Product Code: A0220
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 th product
P280: Wear eye protection and protective glov
P301/312: If swallowed, call a poison center/doc if you feel unwell.
P303/P361/P353: If on skin, take off immediatel all contaminated clothing. Rinse skin wit water.
P305: If in eyes, rinse cautiously with water fo Several minutes. Remove contact lenses Present and easy to do. Continue rinsin
P310: Immediately call a poison center or doct

P330: Rinse mouth.
P302/P352: If on skin, wash with of water.
P362/P364: Take off contaminated clothing and wash it before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% COMPOSITION
Phosphoric Acid	7664-38-2	42.0 – 47.0

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 pink liquid
Odor:
No characteristic odor
pH:

No information available
Specific Gravity:
1.2 – 1.22 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: Incompatible with strong alkalis
Hazardous Decomposition Products: Oxides of phosphorous

11.TOXICOLOGY INFORMATION

Likely Routes of Exposure: Inhalation, eye and skin contact
Acute Symptoms
Eye and Skin Contact: May cause serious eye damage and skin irritation.
Ingestion: May cause irritation to mouth, throat and stomach.
Inhalation: May cause irritation 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: UN1805
Proper Shipping Name: Phosphoric Acid Solution
Hazard Class: 8
Packing Group: III

15.REGULATORY INFORMATION

This product contains a component 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

16.OTHER INFORMATION

Revision Date: 05/07/25
Supersedes: 08/06/24
Version: A0020-02
Reason for Revision: Updated Section 2

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