SAFETY DATA SHEET

KLEEN DUTY

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Kleen Duty
Product Code: A0207
Recommended Use: Encapsulated Machine 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
Sodium Carbonate	497-19-8	37.0 – 43.0
Sodium Hydroxide	1310-73-2	32.0 – 38.0
Sodium Tripolyphosphate	7758-29-4	17.0 – 23.0
Sodium Dichloroisocyanurate Dihydrate	51580-86-0	1.0 – 5.0
Polyacrylic Acid	68479-09-4	1.0 – 5.0
Poloxalene	9003-11-6	< 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:
White free flowing powder
Odor:
Chlorine odor
pH:
No information available
Bulk Density:
1.15 g/cm^3 (packed)
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:	UN3262
Proper Shipping Name:	Corrosive Solid, Basic, Inorganic, N.O.S., (Sodium 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:

Sodium Hydroxide, CAS No.: 1310-73-2
CERCLA Final RQ: 1,000 lbs

16.OTHER INFORMATION

Revision Date:	10/31/14
Supersedes:	11/6/08
Reason for Revision:	Updated per GHS Format

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.