
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 6/21/01
Printed 2/03/04

AUTO-CHLOR KLEEN DUTY SUPREME**MSDS ID: A0280270**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: AUTO-CHLOR KLEEN DUTY SUPREME
Product Descriptor: MACHINE DISHWASH PRODUCT - CHLORINATED

MANUFACTURER:
AUTO CHLOR SYSTEM
746 POPLAR AVENUE
MEMPHIS, TN. 38105

EMERGENCY PHONE NUMBERS:
CUSTOMER SERVICE: (800)477-3693
MEDICAL (COLLECT): (303)592-1024
CHEMTREC: (800)424-9300

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
SODIUM HYDROXIDE	1310-73-2	>30	TLV C 2; PEL C 2	MG/M3
DICHLOROISOCYANURIC ACID SALT	2893-78-9	<5	Not Established	

III. HAZARDS IDENTIFICATION

POSSIBLE ROUTES OF ENTRY: Ingestion, Skin and Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE: Corrosive to skin and eyes, mists are corrosive to skin, eyes and respiratory tract.

CHRONIC: None Known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis, sensitive skin, pulmonary function and asthma.

IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention.

SKIN: Rinse off product and wash with mild soap and water.

INGESTION: Do not induce vomiting. Get medical attention. NOTE: Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air and seek medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F):NONE

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: Water spray, CO2, foam or dry powder.

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: Flush small amounts to drain after dilution and neutralization. Collect and return large amounts to container. This product does not contain a reportable quantity (RQ) under CERCLA.

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VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Keep container closed; keep from heat sources. Do not remove from delivery container. Do not use water greater than 140 degrees F for dissolving product in container.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Safety glasses.
PROTECTIVE GLOVES: Alkali resistant.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Protective clothing to cover exposed skin if contact or splash hazard exists.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: Not usually required.
LOCAL VENTILATION: YES

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White powder, mild odor in dispensing container.
BOILING POINT (DEG F): N/A **FREEZING POINT:** Not determined
SPECIFIC GRAVITY/BULK DENSITY: 1.3500
pH: N/A **pH 1% SOLUTION:** N/A
VOLATILE BY VOLUME: N/A **WEIGHT % SOLIDS:** ND
VAPOR PRESSURE(mmHg): N/A at **VAPOR DENSITY:** N/A

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: TO 250 F
INCOMPATIBILITY WITH OTHER MATERIALS: Flammable liquids, active metals, organic halogen compounds, strong acids cause violent reactions.
HAZARDOUS DECOMPOSITION PRODUCTS:
Chlorine gasses if heated above 250 F.
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: No data available.
TOXICITY TEST DATA: No data available.

XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA: No data available.
ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.
WASTE DISPOSAL METHOD: Contains phosphates. Adjust pH of diluted product and discharge to industrial sewer. Use product in container until empty. Triple rinse container with water and add to process. Recycle or dispose of container by product labeling or governmental regulations.

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XIV. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

TSCA: All ingredients in this product are on TSCA inventory.

CERCLA/EPCRA:

Section 313 Toxic Chemicals: None

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 1

PERSONAL PROTECTIVE EQUIPMENT: C

NFPA RATING: HEALTH: 3 FIRE: 0 REACTIVITY:1 SPECIAL:

STATE RIGHT-TO-KNOW INFORMATION:

SODIUM CARBONATE - CAS #497-19-8

SODIUM HYDROXIDE - CAS #1310-73-2

DICHLOROISOCYANURIC ACID SALTS - CAS #3893-78-9

SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4

POLYALKOXY GLYCOL - CAS #9003-11-6

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

XVI. OTHER INFORMATION

DISCLAIMER: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.