



MATERIAL SAFETY DATA SHEET

Special Ultra (Auto-Chlor)

Version Number: 1

Preparation date: 2005-09-26

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Special Ultra (Auto-Chlor)

MSDS #: MS0300001

Product code: 3177661

Recommended use: Warewashing product.

Manufacturer, importer, supplier:

Auto Chlor Systems

746 Poplar Ave.

Memphis, TN 38105

Emergency telephone number:

800-851-7145

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. CORROSIVE TO EYES . CAUSES EYE BURNS . CAUSES SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED.

Principle routes of exposure:

- Eye contact
- Skin contact
- Inhalation
- Ingestion

Skin contact: Moderately irritating to the skin.

Eye contact: Corrosive. Causes permanent eye damage, including blindness.

Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %
Trisodium phosphate	10101-89-0	7.0 - 13.0%
Sodium alpha olefin sulfonate	68439-57-6	1.0 - 5.0%
Sodium tripolyphosphate	7758-29-4	7.0 - 13.0%

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Flush immediately with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention.

Ingestion: If swallowed, give a cupful of water or milk . Then immediately contact a physician or Poison Center . DO NOT induce vomiting unless directed to do so by medical personnel . Never give anything by mouth to an unconscious person.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam .

Specific hazards: None known.

Unusual hazards: Corrosive material (See sections 8 and 10).

Flash point: >200 (°F) >93.3 (°C)

Specific methods:

No special methods required.

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons:

The product is not flammable.

NFPA	Health:	3	Flammability:	0	Instability:	0
HMIS	Health	3	Fire Hazard	0	Reactivity	0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods:

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue.

FOR COMMERCIAL AND INDUSTRIAL USE ONLY

Storage:

Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment**Eye protection:**

Chemical splash goggles.

Hand protection:

Rubber gloves recommended for prolonged or repeated skin contact.

Skin and body protection:

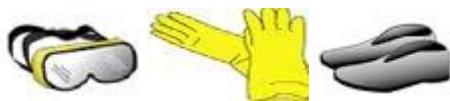
If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection:

No special requirements under normal use conditions

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice



9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Aqueous solution
Color:	Green	Odor:	Characteristic
Specific gravity:	9.83 lb/gal	pH:	11.5
Dilution pH:	No information available.	Density:	1.18 g/ml
Bulk density:	No information available	Vapor density:	No information available
Evaporation rate:	No information available	Solubility:	Soluble
Viscosity:	No information available		
VOC:		1.0	
Solubility in other solvents:		No information available	
Partition coefficient (n-octanol/water):		No information available	
Boiling point/range:		Not determined	

Melting point/range:	Not determined
Decomposition temperature:	Not determined
Autoignition temperature:	No information available
Flash point:	>200 (°F) >93.3 (°C)

10. STABILITY AND REACTIVITY

Stability: The product is stable

Polymerization: Hazardous polymerisation does not occur.

Hazardous decomposition products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg.

Component Information:

Chronic toxicity: None known

Specific effects

Carcinogenic effects: None known

Mutagenic effects: None known

Reproductive toxicity: None known

Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information:

When used for its intended purpose this product should not cause adverse effects in the environment

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Dispose of according to all federal, state and local applicable regulations .

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Philippines (PICCS), China (IECSC).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Decyl phenoxybenzenedisulfonic acid, disodium salt	36445-71-3	-	-	-	-	-	-
Benzenesulfonic acid, oxybis(decyl-), disodium salt	70146-13-3	-	-	-	-	-	-
Sodium alpha olefin sulfonate	68439-57-6	-	-	-	-	-	-
Trisodium phosphate	10101-89-0	Listed	Listed	Listed	-	-	Listed
Sodium alkyl sulphonate	68608-26-4	-	-	-	-	-	-
Sodium tripolyphosphate	7758-29-4	Listed	Listed	Listed	-	-	Listed

CERCLA / SARA

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Trisodium phosphate	10101-89-0	7.0 - 13.0%	5000		
Sodium tripolyphosphate	7758-29-4	7.0 - 13.0%	5000		

CAA HAP/CAA ODS/CWA Priority Pollutants: NoneCanada**WHMIS hazard class:** D2B Toxic materials .**16. OTHER INFORMATION****Reason for revision:** Not applicable**Prepared by:** NAPRAC**Additional advice:** None

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End of Safety Data Sheet