

MATERIAL SAFETY DATA SHEET

Product Name: KLORO-WHITE

Product No. 071.00

SAVIN PRODUCTS COMPANY, INC.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: KLORO-WHITE

Emergency phone: Chemtrec: 800-424-9300

Product Information: 781-961-2744

Company: SAVIN PRODUCTS COMPANY, INC
214 HIGH STREET
RANDOLPH, MA 02368

Date Prepared: 1-25-04

Supersedes: 10-02-00

Prepared by: KJS

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Exposure Limits</u>	<u>Typical % by Weight</u>
1. Sodium dichloroisocyanurate	51580-86-0	N/A	20 -30
2. Sodium Phosphate , Tribasic	7758-29-4	N/A	5 - 15

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: Causes severe eye irritation and /or burns. May cause skin irritation with prolonged contact. Inhalation of mist can cause damage to respiratory tract. Harmful if swallowed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing mist. Do not take internally.

EFFECTS of OVEREXPOSURE:

CARCINOGENICITY:

NTP: No

IARC: No

OSHA: No

EYES: Causes severe eye burns on contact.

SKIN: Repeated or prolonged contact causes skin burns

INHALATION: Inhalation of dust and/or fumes causes choking & irritation of the mucous membranes.

INGESTION: Can result in severe gastric irritation, nausea, vomiting, and pain.

CHRONIC EFFECTS and MEDICAL CONDITIONS: The effects of long-term, low-level exposures to this product have not been determined. Safe handling of this material on a long-term basis should emphasize the avoidance of all effects from repetitive acute exposure. This product may aggravate existing eye, skin and respiratory conditions.

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention.

SKIN: Immediately flush with water. Remove contaminated clothing. Launder contaminated clothing before reuse.

INHALATION: Remove to fresh air. Flush mouth and nasal passages with water. Get medical attention.

INGESTION: If swallowed, give several glasses of water. Do not induce vomiting. If vomiting does occur, give fluids again and keep head below hips to help prevent aspiration. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

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5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: None Test: Tag N/A

Explosive Limits: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Deluge with water.

SPECIAL PROCEDURES & UNUSUAL HAZARDS: Product decomposes to form chlorine gas. Use NIOSH approved canisters for chlorine. Remove any containers to open air and flood with water.

FIREFIGHTING INSTRUCTIONS: Firefighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

6. ACCIDENTAL RELEASE MEASURES

Shovel up spills at once and immediately remove to a clean container outside of the building. DO NOT MIX WITH TRASH OR OTHER CHEMICALS. Use large quantities of water to dissolve remaining residues and ventilate area. May be neutralized with sodium thiosulphate (hypo).

7. HANDLING AND STORAGE

Handle according to good manufacturing and warehousing practices. Keep containers tightly closed when not in use. Use good personal hygiene practices. Wash hand before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Store only in tightly closed containers away from heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Avoid splashing. Wear chemical-resistant safety goggles if necessary. Contact lenses must not be worn.

PROTECTIVE GLOVES: Depending on conditions of use, protective gloves, apron, boots, head and face protection should be worn. This equipment should be cleaned thoroughly after each use.

RESPIRATORY PROTECTION: No occupational exposure standards have been developed for this material. Where exposure through inhalation may occur from use, NIOSH/MSHA approved respiratory protection equipment is recommended.

VENTILATION: Ventilation is required in case of dust conditions. Either local exhaust or general room ventilation is usually adequate.

OTHER PROTECTIVE EQUIPMENT: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White, granular solid

BOILING POINT: Solid

FREEZE/MELT POINT: N/A

VAPOR PRESSURE (mm): N/A

VAPOR DENSITY (air=1): N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: 25%

SPECIFIC GRAVITY: N/A

DENSITY: N/A

pH (1% aqueous soln) 8.0

ODOR: Mild chlorine odor

ODOR THRESHOLD (ppm): Not determined.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID): Unstable.

INCOMPATIBILITY: Ammonia, organic materials, combustible & reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine, cyanogen chloride, nitrogen trichloride

HAZARDOUS POLYMERIZATION: None

11. TOXICOLOGICAL INFORMATION

No LD50 or LC50 found for oral, dermal or inhalation routes of administration.

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12. ECOLOGICAL INFORMATION

Toxic to aquatic life. Do not discharge to streams, ponds, or waterways. Surfactant components are biodegradable.
Phosphorous content = 2.5%

13. DISPOSAL CONSIDERATIONS

RCRA: This product, if disposed as shipped, is not considered a hazardous waste as specified in 40 CFR 261.
Dispose in accordance with all applicable federal, state and local regulations.
Product may be deactivated by mixing with a 5% solution of hydrogen peroxide or sodium bisulfite.

14. TRANSPORT INFORMATION

SHIPPING NAME: Cleaning Compound, solid
HAZARD CLASS: Not regulated as HAZMAT
ID#: N/A
PACKING GROUP: N/A
LABEL: N/A

15. REGULATORY INFORMATION

This material does not contain nor was it manufactured using ozone-depleting chemicals.

U.S. FEDERAL REGULATIONS:

TSCA STATUS: All ingredients on Toxic Substance Control Act Inventory.

CERCLA REPORTABLE QUANTITY: Sodium Phosphate, tribasic (5000 lbs)

SARA TITLE III:

Section 302 Extremely Hazardous Substances:	None.
Section 311/312 Hazardous Categories:	Immediate (Acute)
Section 313 Toxic Chemicals:	None.

16. OTHER INFORMATION

All label precautions must be observed when handling, storing and transporting empty containers due to product residues. Do not reuse this container unless it is professionally cleaned and reconditioned.

REFERENCES:

- U.S. Dept. of Health and Human Services, NIOSH: Registry of Toxic Effects of Chemical Substances, 1985-86 Edition.
- Sax, N. Irving and Lewis, R.J.: Dangerous Properties of Industrial Materials, 7th Edition, Van Nostrand Reinhold Co., 1989.
- Lewis, R.J.: Hawley's Condensed Chemical Dictionary, 12th Edition, Van Nostrand Reinhold Co., 1993.
- U.S. Dept. of Transportation, U.S. Coast Guard: CHRIS Hazardous Chemical Data, 1982.
- U.S. Dept. of Labor, OSHA: Air Contaminants - Permissible Exposure Limits, 1989.
- National Fire Protection Association (NFPA): Fire Protection Guide on Hazardous Materials (NFPA 325M/49/491M/704), 9th Edition, 1986.
- National Fire Protection Association (NFPA): Hazardous Materials Response Handbook, Henry, M.F., Editor, 1989.
- Merck & Co., Inc.: The Merck Index, 11th Edition, 1989.

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