

MATERIAL SAFETY DATA SHEET

Richardson Chemical Co.
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REVISION DATE: November 11, 2004
DATE OF ISSUE: December 16, 2004

I - Product Identification

SC Sanitizing Rinse

PRODUCT CODE: 0778

CHEMICAL FORMULATION: Chlorine based powdered sanitizer.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX	OSHA	ACGIH	EPA 40 CFR:			CAS #
	%	PEL	TLV	302	355	372	
1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,-dichloro- sodium salt, dihydrate	28.0	N/E	N/E	N	N	N	51580-86-0
Sodium sulfate	30.0-40.0	N/E	N/E	N	N	N	7757-82-6

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/A SPECIFIC GRAVITY (WATER=1) N/A
VAPOR PRESSURE (mm Hg): N/D VOC CONTENT (% by weight): N/A
VAPOR DENSITY (AIR = 1): N/D EVAPORATION RATE (WATER = 1): N/A
SOLUBILITY IN WATER: Soluble pH: N/A
APPEARANCE AND ODOR: Fine, white powder, slight chlorine odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): N/A (TEST METHOD):
FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/A LOWER: N/A
EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Cool drums in vicinity of fire with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: May produce chlorine when subjected to high heat.

V - Reactivity Data

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizing and reducing agents, alkalis, acids and water.

CONDITIONS TO AVOID: None.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield chlorine gas.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION:** X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:** X

INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: None.

EFFECTS OF OVEREXPOSURE

IF IN EYES: Corrosive-Moderate to severe irritation, burns, blindness.

IF ON SKIN: Corrosive-Moderate to severe irritation and burns with prolonged contact.

IF SWALLOWED: May cause burns to the gastrointestinal tract.

IF INHALED: Irritation of respiratory tract.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. Obtain medical attention.

IF ON SKIN: Flush area with water for 15 minutes while removing contaminated clothing. If irritation develops, obtain medical attention.

Launder clothing before reuse.

IF SWALLOWED: Contact physician or poison control center immediately. Give affected person several glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person.

IF INHALED: Remove person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, administer artificial respiration. Obtain medical attention, if irritation persists.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area and contain spill. Sweep up and place in a vented, closed container for disposal.

WASTE DISPOSAL METHOD: Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe dusts.

VENTILATION

LOCAL: Not required

MECHANICAL: Not required

PROTECTIVE GLOVES: None needed under normal use otherwise use chemical resistant gloves.

EYE PROTECTION: None needed under normal use otherwise use safety glasses or chemical goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash station.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place away from heat or open flame. Keep container tightly closed when not in use. Do not contaminate food feed, or seed by storage or disposal.

OTHER PRECAUTIONS: Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: None

DOT CLASS: None

DOT ID NUMBER: None

DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

REVISION DATE: November 11, 2004

Prepared by: PMR

DATE OF ISSUE: December 16, 2004

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