

CEMENT & CONCRETE PRODUCTS™

Skin: Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists. Seek immediate medical treatment in the event of burns.

Inhalation: Remove to fresh air. Seek immediate medical attention if difficulty in breathing.

Ingestion: If conscious, do not induce vomiting unless directed to do so by a physician. Have the victim drink two glasses of water and seek medical attention immediately.

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flammability: Noncombustible and not explosive.

Auto-ignition Temperature: Not Applicable

Flash Points: > 205°F (96°C)

Unusual Fire and Explosive Hazards: Thermal decomposition yields Chlorine

SECTION VI – ACCIDENTAL RELEASE MEASURES

If spilled, soak with absorbent material, flush remainder with water. Flush to sewer if permitted by applicable local, state and federal regulations.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Store in a cool place; avoid freezing to preserve product utility.

SECTION VIII – EXPOSURE CONTROL MEASURES

Engineering Controls: Product is recommended for outdoor use only. No respiratory protection is required if ventilation is adequate. Avoid prolonged breathing of fumes.

Personal Protection: Use waterproof or chemical resistant gloves; wear safety glasses with side shields.

Exposure Limits: Consult local authorities for acceptable exposure limits.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance: Clear liquid with a slight chloride odor

Solubility in Water: complete

Specific Gravity: 1.06 @ 72°F

Vapor Density: >1

Boiling Point: 214°F (101°C)

SECTION X - REACTIVITY DATA

NFPA Rating: Health: 1, Fire: 0, Reactivity: 0

Stability: Stable.

Incompatibility (Materials to Avoid): Acids, Ammonia

Hazardous Decomposition or By-products: Oxygen, Chlorine

Hazardous Polymerization: Will Not Occur.

SECTION XI – TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Ingestion

Toxicity to Animals: None known

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Chronic Effects on Humans: None known
Special Remarks on Toxicity: Not Available

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity: Not Available
BOD5 and COD: Not Available
Products of Biodegradation: Based on available information for Calcium Chloride anhydrous, this product will not biodegrade or bioaccumulate.
Toxicity of the Products of Biodegradation: Not available
Special Remarks on the Products of Biodegradation: Not available

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: The packaging may be landfilled and material may be flushed to sewer, if permitted by local, state and federal regulations. This product is not classified as a hazardous waste under the authority of the RCRA (40CFR 261) or CERCLA (40CFR 117&302).

SECTION XIV – TRANSPORT INFORMATION

DOT/UN Shipping Name: Non-regulated
DOT Hazard Class: Non-regulated
Shipping Name: Non-regulated
Non-Hazardous under U.S. DOT and TDG Regulations

SECTION XV – OTHER REGULATORY INFORMATION

US OSHA 29CFR 1910.1200: Considered non-hazardous
SARA (Title III) Sections 311 & 312: Not applicable
SARA (Title III) Section 313: Not subject to reporting requirements
TSCA (May 1997): All components are on the TSCA inventory list
Federal Hazardous Substances Act: Considered non-hazardous
Canadian Environmental Protection Act: Not listed
Canadian WHMIS: Considered to be a hazardous material under the Hazardous Products Act as defined by the Controlled Products Regulations (Class D2A, E- Corrosive Material) and subject to the requirements of Health Canada's Workplace Hazardous Material Information (WHMIS). This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR.

SECTION XVI – OTHER INFORMATION

HMIS-III: Health – 0 = No significant health risk
1 = Irritation or minor reversible injury possible
2 = Temporary or minor injury possible

	3 = Major injury possible unless prompt action is taken
	4 = Life threatening, major or permanent damage possible
Flammability-	0 = Material will not burn
	1 = Material must be preheated before ignition will occur
	2 = Material must be exposed to high temperatures before ignition
	3 = Material capable of ignition under normal temperatures
	4 = Flammable gases or very volatile liquids; may ignite spontaneously
Physical Hazard-	0 = Material is normally stable, even under fire conditions
	1 = Material normally stable but may become unstable at high temps
	2 = Materials that are unstable and may undergo react at room temp
	3 = Materials that may form explosive mixtures with water
	4 = Materials that are readily capable of explosive water reaction

Abbreviations:

ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
CFR	Code of Federal Regulations
CPR	Controlled Products Regulations (Canada)
DOT	Department of Transportation
IARC	International Agency for Research
MSHA	Mine Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicity Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TWA	Time-weighted Average
WHMIS	Workplace Hazardous Material Information System

Revision #07-01, supersedes all previous revisions.

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