

MATERIAL SAFETY AND DATA SHEET

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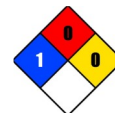


FOR EMERGENCY CALL CHEMTREC

SECTION 1 - PRODUCT IDENTIFICATION

Knock-Out Water Softener

CHEMICAL FAMILY: Water Softener
SYNONYMS: Deflocculant



SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT:	CAS #:	PERCENTAGE:
Sodium Carbonate	497-19-8	35-45%
Citric Acid	77-92-9	20-25%
Sodium Sulfate	7757-82-6	25-30%

SECTION 3 - PHYSICAL DATA

Color: White Powder	Viscosity: N/A
Odor: None	Evaporation Rate: 2.3 (Water=1)
Specific Gravity: N/A	pH: 10
Solubility: Complete	Vapor Density: 1.6 (Air=1)

SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point: N/A
Extinguishing Media: Not a fire hazard. Use extinguishing media suitable for surrounding materials.
Special Fire Fighting Procedures: Clear area of unprotected personnel. Do not enter fire space without full protective gear.

SECTION 5 - REACTIVITY DATA

Stability: Stable under normal conditions.
Incompatibilities: Keep away from acids.
Hazardous Decomposition Products: May produce carbon monoxide, carbon dioxide, and unidentified organic compounds during thermal decomposition.
Hazardous Polymerization: Will not occur.

SECTION 6 - HEALTH HAZARDS

Inhalation: May cause mild irritation upon inhalation of dust.
Eye Contact: Eye irritant.
Skin Contact: May cause irritation due to overexposure.
Ingestion: May cause burning pain in mouth and throat, difficulty swallowing, excessive salivating in infants, and reddening and swelling of mucous membranes of mouth and throat.

SECTION 7 - FIRST AID MEASURES

Inhalation: Remove to fresh air.
Eye Contact: Flush immediately with water for 15 minutes and seek medical attention.
Skin Contact: Wash thoroughly with soap and water. If irritation persists or develops, seek medical attention.
Ingestion: Rinse mouth and drink water. Call a physician or poison control center immediately.

SECTION 8 - STORAGE AND HANDLING

Handling: Avoid contact with eyes, skin, or clothing and avoid breathing dust. Wash thoroughly after handling and wash any contaminated clothes before reuse.

Storage: Avoid exposure to acids. Do not store or handle in aluminum containers and temperatures above 120°F.

SECTION 9 - SPILL AND DISPOSAL PROCEDURES

In case of spill: Remove any ignition sources and ventilate spill area. Wear protective gear. Sweep up spillage and place in sealed container. Wash spill site with water. Wash thoroughly or shower after handling and wash all clothing and protective gear before reuse.

Disposal: Dispose of in accordance with all applicable local, state, federal, and environmental regulations.

SECTION 10 - PROTECTIVE EQUIPMENT



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Revised: 2/16/10