

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE LIMITS:

SODIUM HYDROXIDE = 2 MG/M3 CEILING LIMIT (ACGIH), 2 MG/M3 TWA (OSHA)
SODIUM DICHLORO-S-TRIAZINETRIONE = 0.5 PPM TWA AS CHLORINE, 1 PPM STEL AS CHLORINE (ACGIH),
1 PPM CEILING LIMIT (OSHA)

ENGINEERING CONTROLS: NONE REQUIRED. GENERAL ROOM VENTILATION IS TYPICALLY ADEQUATE.

PERSONAL PROTECTION

EYES: SPLASH PROOF SAFETY GLASSES, SAFETY GOGGLES AND AN EYE WASH STATION.
HANDS: CHEMICAL RESISTANT GLOVES: RUBBER OR NEOPRENE. LONG TYPE IF NEEDED.
RESPIRATORY: WEAR DUST MASK IF HANDLING CREATES AIR-BORNE DUST.
FEET: TYPICALLY NOT NEEDED. WEAR BOOTS DURING SPILL & WHEN EXPOSURE IS POSSIBLE.
BODY: IF MAJOR EXPOSURE IS POSSIBLE, WEAR FULL-COVER PROTECTIVE CLOTHING.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR: WHITE	FLASH POINT: N.A.P.
ODOR : CHLORINE	UEL: N.A.P.
pH CONCENTRATE: N.A.P.	LEL: N.A.P.
pH @ 2500 PPM SOLUTION: 12.3 (BASIC)	EVAPORATION RATE: N.A.P.
pH @ USE DILUTION: N.A.V.	ODOR THRESHOLD: N.A.P.
PHYSICAL STATE: GRANULAR POWDER	VAPOR PRESSURE: N.A.P.
SPECIFIC GRAVITY: N.A.P.	VAPOR DENSITY: N.A.P.
VISCOSITY: N.A.P.	COEFF. OIL/WATER: N.A.P.
BOILING POINT: N.A.P.	WATER SOLUBILITY: MODERATE
MELTING POINT: N.A.P.	OTHER: N.A.P.

10. STABILITY AND REACTIVITY

STABLE: YES
CONDITIONS TO AVOID: AVOID TEMPERATURES ABOVE 120°F AND HIGH HUMIDITY TO PREVENT CAKING.
MATERIALS TO AVOID: AVOID MIXING DIRECTLY WITH ANY OTHER CLEANING PRODUCT. AVOID ACIDS AND VARIOUS METALS (ALUMINUM, ZINC, TIN, BRASS OR BRONZE) WHICH CAN GENERATE FLAMMABLE HYDROGEN GAS. MIX ONLY WITH WATER BELOW 150°F.
DECOMPOSITION PRODUCTS: FIRE OR MIXING WITH INCOMPATIBLE MATERIALS MAY PRODUCE OXIDES OF CARBON AND OTHER TOXIC OR IRRITATING FUMES.
POSSIBILITY OF HAZARDOUS REACTIONS: AVOID MIXING DIRECTLY WITH ACIDS.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS: CORROSIVE. SEE SECTION 2.
CHRONIC EFFECTS: NONE KNOWN. NO REPORTABLE CARCINOGENS, MUTAGENS, SENSITIZERS, SYNERGISTIC MATERIALS, TERATOGENS, OR REPRODUCTIVE TOXINS.
LC50/LD50: SODIUM HYDROXIDE 50%: 220 MG/KG ORAL-RAT LD50
SODIUM HYDROXIDE: 1350 MG/KG DERMAL-RABBIT LD50
TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM.
OTHER TOXIC EFFECTS: NONE KNOWN.