

# STORM

MSDS # 101215

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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EXPOSURE LIMITS: POTASSIUM HYDROXIDE = 2 MG/M3 CEILING LIMIT (ACGIH)

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: IF MIST/VAPOURS ARE NOT CONTROLLED BY VENTILATION, WEAR SUITABLE RESPIRATOR.

FEET: WEAR PROTECTIVE FOOTWEAR DURING SPILL CLEAN-UP & WHEN EXPOSURE IS POSSIBLE.

BODY: IF MAJOR EXPOSURE IS POSSIBLE, WEAR FULL-COVER PROTECTIVE CLOTHING.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR: RED

ODOR: NONE

PH CONCENTRATE: GREATER THAN 13.0 (BASIC)

PH @ 2500 PPM SOLUTION: N.A.P.

PH @ USE DILUTION: N.A.P.

PHYSICAL STATE: LIQUID

SPECIFIC GRAVITY: 1.424

VISCOSITY: NON-VISCOUS

BOILING POINT: N.A.P.

MELTING POINT: N.A.P.

FLASH POINT: N.A.P.

UEL: N.A.P.

LEL: N.A.P.

EVAPORATION RATE: N.A.P.

ODOR THRESHOLD: N.A.P.

VAPOR PRESSURE: N.A.P.

VAPOR DENSITY: N.A.P.

COEFF. OIL/WATER: N.A.P.

WATER SOLUBILITY: COMPLETE

OTHER: N.A.P.

## 10. STABILITY AND REACTIVITY

STABLE: YES

CONDITIONS TO AVOID: AVOID TEMPERATURES BELOW 36°F OR ABOVE 120°F.

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, UNLESS RTU.

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: POTASSIUM HYDROXIDE ACUTE ORAL (LD50) = 365 MG/KG [RAT]

TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM.

OTHER TOXIC EFFECTS: NONE KNOWN.