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MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Formula 602
CHEMICAL NAME: PHOSPHATE/POLYMER/KOH/WATER
PRODUCT USE: LIQUID SCALE & CORROSION INHIBITOR/CLOSED LOOP SYSTEMS

SECTION 2: HAZARDOUS COMPONENTS

Hazardous Ingredient Name	CAS #	% By WT	OSHA PEL	ACGIH TLV
SOD. TOLYLTRIAZOLE	64665-57-2	1	NA	NA
POTASSIUM HYDROXIDE	1310-58-3	5 - 7	2 mg/m ³	2 mg/m ³

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F): 2212° VAPOR PRESSURE (mm Hg): NA
SOLUBILITY IN WATER: 100% VAPOR DENSITY: NA
SPECIFIC GRAVITY: 1.1 FREEZE POINT: ND
Ph: APPROX. 10.5-11 DOT SHIPPING NAME: CORROSIVE LIQUID, N.O.S.
APPEARANCE/ODOR: LT BROWN LIQUID, NO ODOR (POTASSIUM HYDROXIDE), 8, UN1760,PGIII

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NA
EXTINGUISHING MEDIA: NA / NON-FLAMMABLE PRODUCT
SPECIAL FIRE FIGHTING INSTRUCTIONS: WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.
AVOID SKIN AND EYE CONTACT. COOL THE CONTAINERS WITH WATER SPRAY.

SECTION 5: REACTIVITY DATA

STABILITY: THIS PRODUCT IS STABLE.
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS AND ACIDS MAY CAUSE HEATING AND SPATTERING.
HAZARDOUS DECOMPOSITION PRODUCTS: NA
HAZARDOUS POLYMERIZATION: DOES NOT OCCUR

SECTION 6: HEALTH HAZARD INFORMATION - FIRST AID MEASURES

INHALATION: MIST MAY CAUSE SEVERE IRRITATION OF THE UPPER RESPIRATORY TRACT.

FIRST AID - REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.

SKIN: MAY CAUSE SEVERE SKIN IRRITATION. IMMEDIATELY FLUSH WITH PLENTY OF WATER.

EYES: MAY CAUSE EYE DAMAGE. WEAR SPLASH-PROOF GOGGLES.

FIRST AID - FLUSH EYES IMMEDIATELY WITH FRESH WATER FOR 15 MINUTES
GET PROMPT MEDICAL ATTENTION IF EFFECTS PERSIST.

INGESTION: CAUSES BURNS TO MOUTH, THROAT AND STOMACH.

FIRST AID - DO NOT INDUCE VOMITING. DRINK LOTS OF WATER.
GET IMMEDIATE MEDICAL ATTENTION IF EFFECTS PERSIST.

SECTION 7: ACCIDENTAL SPILL OR LEAK PROCEDURES

SPILL, LEAK OR RELEASE: BLOCK ANY POTENTIAL ROUTES TO WATER SYSTEMS(eg., SEWERS, STREAMS, LAKES, ETC). THEN COLLECTION, NEUTRALIZATION, AND DISPOSAL. SMALL SPILLS CAN BE DILUTED WITH LARGE AMOUNTS OF WATER TO SEWER. ALWAYS USE PROPER EYE AND SKIN PROTECTION.

WASTE DISPOSAL: CONSULT FEDERAL, STATE, AND LOCAL REGULATIONS FOR THE APPROVED DISPOSAL PROCEDURES.

SECTION 8: HANDLING AND STORAGE

HANDLING: WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID STORING NEXT TO STRONG ACIDS. THIS PRODUCT SHOULD BE STORED IN CLEAN, DRY AREAS. STORE IN CONTROLLED ENVIRONMENT. AVOID EXCESSIVE HEAT.

SECTION 9: HMIS RATINGS

HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0 PERSONAL PROTECTION: D

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