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Printed: 09/08/12

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: Formula SN-10
CHEMICAL NAME: SODIUM NITRITE/WATER
PRODUCT USE: LIQUID CORROSION INHIBITOR/HOT AND CHILLED CLOSED LOOPS

SECTION 2: HAZARDOUS COMPONENTS

Hazardous Ingredient Name	CAS #	% By WT	OSHA PEL	ACGIH TLV
SODIUM NITRITE	7632-00-0	<22	NA	NA

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F): 2212° VAPOR PRESSURE (mm Hg): NA
SOLUBILITY IN WATER: SOLUBLE VAPOR DENSITY: HEAVIER THAN AIR
SPECIFIC GRAVITY: 1.2 FREEZE POINT: ND
pH: 5.3 DOT SHIPPING NAME: SODIUM NITRITE SOLUTION, 5.1,
APPEARANCE/ODOR: CLEAR YELLOWISH LIQUID/NO ODOR UN1500, PG III (OXIDIZER)

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NA
EXTINGUISHING MEDIA: NA (NON-COMBUSTIBLE)
SPECIAL FIRE FIGHTING INSTRUCTIONS: WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

SECTION 5: REACTIVITY DATA

STABILITY: UNDER NORMAL STORAGE CONDITIONS THIS PRODUCT IS STABLE.
INCOMPATIBILITY (MATERIALS TO AVOID): CAN REACT VIGOROUSLY WITH STRONG REDUCING AGENTS, AND ACIDS.
HAZARDOUS DECOMPOSITION PRODUCTS: DRIED RESIDUE @ >650°F EMITS NOX
HAZARDOUS POLYMERIZATION: DOES NOT OCCUR

SECTION 6: HEALTH HAZARD INFORMATION - FIRST AID MEASURES

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

EYES: MAY CAUSE SEVERE IRRITATION.

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

INGESTION: MAY CAUSE IRRITATION. LARGE DOSE CAN CAUSE LOW BLOOD PRESSURE, COLLAPSE & COMA

FIRST AID - DRINK LOTS OF WATER. INDUCE VOMITING AND REPEAT UNTIL VOMIT IS CLEAR.
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). ABSORB SPILL WITH INERT MATERIAL (eg., DRY SAND, DIRT), THEN PLACE IN A CHEMICAL WASTE CONTAINER. SMALL SPILLS CAN BE DILUTED WITH LARGE AMOUNTS OF WATER TO SEWER. ALWAYS USE PROPER EYE AND SKIN PROTECTION, AND A NIOSH APPROVED RESPIRATOR.

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: B

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< END OF MSDS - SN-10 >