



PRODUCT NAME: Cooling Water Treatment

SYNOMS: N/A

CHEMICAL FAMILY: N/A

FORMULA: N/A

MOLECULAR WEIGHT: N/A

TRADE NAME AND SYNONYMS: RXN-101

## 1 PHYSICAL DATA

BOILING POINT, 760 mm. Hg	approx. 220°F	FREEZING POINT	
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	1.24	VAPOR PRESSURE AT 20°C.	Same as water
VAPOR DENSITY (air = 1)		SOLUBILITY IN WATER, % by wt.	Complete
PER CENT VOLATILES BY VOLUME		EVAPORATION RATE (Butyl Acetate = 1)	Same as Water
APPEARANCE AND ODOR	Red liquid; no distinct odor		

## 11 HAZARDOUS MATERIALS

MATERIAL	%	TLV (Units)
Sodium nitrite	<15.0	

## 111 FIRE AND HAZARD DATA

FLASH POINT (test method)	None	AUTOIGNITION TEMPERATURE	
FLAMMABLE LIMITS IN AIR, % by volume			
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

## EMERGENCY PHONE NUMBER

We believe that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted. The data are not to be taken as a warranty or representation for which we assume legal responsibility. They are offered solely for your consideration, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and local laws and regulations.

CALL: CHEMTREC 24 hrs a day  
1-800-424-9300

THRESHOLD LIMIT VALUE

Not established

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST  
AID PROCEDURES

Harmful if swallowed. In case of swallowing, encourage vomit a mild emetic. After vomiting occurs, provide as much milk to drink as can be tolerated. Alkaline liquid; avoid eye contact or excessive contact with skin. If eyes are affected, flood with water for 15 minutes. If eye irritation persists, get medical attention. Wash off skin in case on contact and change contaminated clothing.

## V REACTIVITY DATA

STABILITY

UNSTABLE

STABLE

X

CONDITIONS  
TO AVOIDINCOMPATIBILITY  
(materials to avoid)

Avoid direct contact with strong acids.

HAZARDOUS  
DECOMPOSITION PRODUCTS

Nitrogen oxide, carbon dioxide

HAZARDOUS POLYMERIZATION

May Occur

Will not Occur

X

CONDITIONS  
TO AVOID

## VI SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN  
IF MATERIAL IS RELEASED  
OR SPILLED

Collect with absorbent and bury or burn. Flush area with water.

WASTE DISPOSAL METHOD

Dispose using authorized chemical scavenger service or incinerate. Transfer metal containers to drum reconditioner & remove labels.

## VII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION  
(specify type)

None required

VENTILATION

LOCAL EXHAUST

MECHANICAL  
(general)

Mechanical exhaust is adequate

SPECIAL

OTHER

PROTECTIVE GLOVES

Rubber or plastic

EYE

PROTECTION goggles or face shield

OTHER PROTECTIVE  
EQUIPMENT

## VIII SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING

Keep away from children. For industrial application only

OTHER HANDLING AND  
STORAGE CONDITIONS

Protect from freezing and from physical damage. Freezes at