



ICAL NAME: Catalyzed Sodium Sulfite  
 NONYMS: N/A  
 FORMULA: N/A  
 CHEMICAL FAMILY: N/A  
 MOLECULAR WEIGHT: N/A  
 TRADE NAME AND SYNONYMS: RXN-20

## 1 PHYSICAL DATA

BOILING POINT, 760 mm. Hg	Decomposes	FREEZING POINT	
SPECIFIC GRAVITY (H <sub>2</sub> O = 1) density	91 lbs/ft <sup>3</sup>	VAPOR PRESSURE AT 20°C	
VAPOR DENSITY (Air = 1)		SOLUBILITY IN WATER, % by wt	approx. 12%
PER CENT VOLATILES BY VOLUME		EVAPORATION RATE (Butyl Acetate = 1)	
APPEARANCE AND ODOR	Free flowing white to tan powder		

## 11 HAZARDOUS MATERIALS

MATERIAL	%	TLV (Units)
Sodium Sulfite	approx. 95	

## 111 FIRE AND HAZARD DATA

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

## EMERGENCY PHONE NUMBER

While 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.

# 1V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE :	TDC: oral-human LDL <sub>0</sub> 500 ng/kg TLV: M.p.p.c.f. (Nuisance particulate)
EFFECTS OF OVEREXPOSURE	If swallowed, possibly harmful by depression of blood pressure, gastric irritation, etc. Mild emetic and copious fluids suggest.
EMERGENCY AND FIRST AID PROCEDURES	For skin contact, wash off with water. Eye contact; very mild, alkaline, possibly irritant; flush with water.

# V REACTIVITY DATA

STABILITY		CONDITIONS TO AVOID	Slowly oxidizes to sodium sulfate
UNSTABLE	STABLE X		
INCOMPATIBILITY (materials to avoid)		Being a reducing agent, may be expected to react strongly with strong oxidizers (chlorine, peroxides, etc.)	
HAZARDOUS DECOMPOSITION PRODUCTS		None	
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID	
May Occur	Will not Occur X		

# VI SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	Sweep up spills and return to container if uncontaminated. Flush residue to drain with water. (Contaminated material may be taken to landfill)
WASTE DISPOSAL METHOD	May mix with waste solutions of oxidizing agents to neutralize effluents of both wastes, or dispose using chemical scavenger service. Destroy Containers.

# VII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)		Use adequate respirator for dusting - 3M #8710 or equal has been suggested for similar use.	
VENTILATION	LOCAL EXHAUST	SPECIAL	
	MECHANICAL (general)	OTHER	
PROTECTIVE GLOVES		EYE PROTECTION goggles	
OTHER PROTECTIVE EQUIPMENT		None required	

# VIII SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING	FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.
OTHER HANDLING AND STORAGE CONDITIONS	Keep containers closed and dry. Store in a dry place, away from strong oxidizers. Use floating cover over solutions to avoid losses.