

CAS-7681-38-1

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

## MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I	
MANUFACTURER'S NAME <b>QUIMBY &amp; COMPANY</b>	EMERGENCY TELEPHONE NO. <b>201 879 5500</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>P.O. Box 355 Oakdale Road Chester, N.J. 07930</b>	
CHEMICAL NAME AND SYNONYMS <b>Sodium Bisulfate</b>	TRADE NAME AND SYNONYMS <b>Sparex#2 GBS Blobular Bisulfate</b>
CHEMICAL FAMILY <b>Inorganic Acid Salt</b>	FORMULA <b>NaHSO<sub>4</sub></b>

SECTION II - HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
N.A.					

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)	N.A.	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.28-1.38
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (—=1)	N.A.
SOLUBILITY IN WATER	Appreciable		
APPEARANCE AND ODOR	Dry White Crystals With No Odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used)	Non Flammable	FLAMMABLE LIMITS	N.A.
EXTINGUISHING MEDIA	N.A.	LeI	UeI
SPECIAL FIRE FIGHTING PROCEDURES	N.A.		
UNUSUAL FIRE AND EXPLOSION HAZARDS	May decompose in fire to give off toxic fumes of oxides of sulfur.		

PAGE (1)

(Continued on reverse side)

Form OSHA-20  
Rev. May 72

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	N.A.
EFFECTS OF OVEREXPOSURE	CAUSES IRRITATION.
EMERGENCY AND FIRST AID PROCEDURES	
In case of contact immediately flush eyes with plenty of water for at least 15 minutes. call a physician. Flush skin with water.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID Reacts with water or steam to produce heat and toxic fumes.
	STABLE	X	
INCOMPATIBILITY <i>(Materials to avoid)</i> Sulfuric Acid liberated on contact with moisture.			
HAZARDOUS DECOMPOSITION PRODUCTS Sulfur dioxide, sulfur trioxide			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Avoid contact with eyes, skin and clothing.
WASTE DISPOSAL METHOD	Sweep up and flush area with water.

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION <i>(Specify type)</i> None for normal use.			
VENTILATION	LOCAL EXHAUST	maintain adequate ventilation.	SPECIAL N.A.
	MECHANICAL <i>(General)</i>	Forced draft ventilation.	OTHER N.A.
PROTECTIVE GLOVES	Rubber Gloves.	EYE PROTECTION	Chemical safety goggles.
OTHER PROTECTIVE EQUIPMENT X N.A.			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Keep dry. Place lid on container when not in use. Wash thoroughly after handling.
OTHER PRECAUTIONS	wash contaminated clothing before re-use.
Dated: 4-01-2013	