

AHSC7/84

MATERIAL SAFETY DATA SHEET

B1010-31

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

SECTION I

MANUFACTURER'S NAME Spectrum Chemical Manufacturing Corp.		EMERGENCY TELEPHONE NO. 800-424-9300
ADDRESS (Number, Street, City, State, and ZIP Code) 14422 So. San Pedro St. Gardena, Calif. 90248		
CHEMICAL NAME AND SYNONYMS Polyoxyethylene 80 Sorbitan Monooleate		TRADE NAME AND SYNONYMS TWEEN 80
CHEMICAL FAMILY Fatty and partial esters	FORMULA	

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)
Polyoxyethylene 80 Sorbitan Monooleate				97	None established
Water				3	

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	>212	SPECIFIC GRAVITY (H ₂ O=1)	1.08
VAPOR PRESSURE (mm Hg.)	<1.0	PERCENT VOLATILE BY VOLUME (%)	3.0 water
VAPOR DENSITY (AIR=1)	<0.1	EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR Yellow oily liquid			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	300°F C.O.C.	FLAMMABLE LIMITS	N/A	Lel	Uel
EXTINGUISHING MEDIA Water, fog, carbon dioxide, dry chemical.					
SPECIAL FIRE FIGHTING PROCEDURES Wear approved self-contained breathing apparatus					
UNUSUAL FIRE AND EXPLOSION HAZARDS None Known					

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None assigned

EFFECTS OF OVEREXPOSURE

INHALATION: coughing, sneezing

SKIN: dryness, possible dermatitis

EYES: obscured vision, possible conjunctivitis

INGESTION: possible abdominal pain

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove from exposure and treat breathing difficulties

symptomatically, obtaining medical attention if needed.

EYES, SKIN: Wash well with plenty of water; for EYES, do so for at least 15 minutes and get medical attention if symptoms persist

INGESTION: Give plenty of water to drink, if conscious

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID moisture or humidity
	STABLE	X	
COMPATIBILITY			
Materials to avoid)		Strong oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS		Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide	
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID	
May Occur	Will Not Occur		
	X		

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF CASE MATERIAL IS RELEASED OR SPILLED

Absorb onto vermiculite and Sweep material onto paper. Place in fiber carton and incinerate. Wash spill area well with soap and water.

WASTE DISPOSAL METHOD

Make up small packages in paper or other flammable materials. Incinerate. State and local laws take precedence.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Specify type)

NIOSH-approved particulate respirator if mist involved

VENTILATION	LOCAL EXHAUST	MECHANICAL (general)	SPECIAL	OTHER
	Not unless aerosol	Desirable	No	No

PROTECTIVE GLOVES

Impervious

EYE PROTECTION

safety goggles

OTHER PROTECTIVE EQUIPMENT

Approved work clothes

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in air-tight container in cool dry place.

OTHER PRECAUTIONS

None known