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MATERIAL SAFETY DATA SHEET

U.S. Department of Labor  
 Occupational Safety and Health Administration

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

Form OSHA-20  
 Rev. May 72

**SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION**

Manufacturer's Name: Chemtrec Emergency Tel: 800-424-9300  
 Jeen International Corp. Chemtrec Int'l. Emergency Tel: 703-527-3887  
 24 Madison Road (COLLECT CALLS ACCEPTED)  
 Fairfield, New Jersey 07004  
 973-439-1401  
 Chemical Name and Synonyms: Trade Name and Synonyms:  
 SORBITAN MONOLAURATE (POE-5) **JEESORB L-5 NF**

Chemical Family: Formula:  
 ETHOXYLATED SORBITAN ESTER -

**SECTION II - HAZARDOUS INGREDIENTS**

<u>PAINTS, PRESERVATIVES &amp; SOLVENTS:</u>	<u>%</u>	<u>TLV UNITS</u>	<u>ALLOYS AND METALLIC COATINGS:</u>	<u>%</u>	<u>UNITS</u>	<u>TLV</u>
Pigments:	-	-	Base Metal:	-	-	-
Catalyst:	-	-	Alloys:	-	-	-
Vehicle: NONE	-	-	Metallic Coatings: NONE	-	-	-
Solvents:	-	-	Filler Metal			
Additives:	-	-	Plus Coating			
Others:	-	-	Or Core Flux:	-	-	-
			Others:	-	-	-
<u>HAZARDOUS MIXTURES OR OTHER LIQUIDS, SOLIDS, OR GASES:</u>	<u>%</u>	<u>TLV UNITS</u>				
NOT APPLICABLE						

**SECTION III - PHYSICAL DATA**

BOILING POINT(°F.): -  
 VAPOR PRESSURE (mm Hg): -  
 VAPOR DENSITY (AIR=1): HEAVIER THAN AIR  
 SOLUBILITY IN WATER @25°: -  
 APPEARANCE AND ODOR: -  
 SPECIFIC GRAVITY (H<sub>2</sub>O=1): -  
 PERCENT VOLATILE BY VOLUME (%): 3% WATER  
 EVAPORATION RATE: SLOWER THAN ETHER

N/A = NOT APPLICABLE



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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): 340°F (OPEN CUP)  
EXTINGUISHING MEDIA: DRY CHEMICAL OR CO<sub>2</sub>  
SPECIAL FIRE FIGHTING PROCEDURES: -  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE  
FLAMMABLE LIMITS: - LeI/Uel: -

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT ESTABLISHED.  
EFFECTS OF OVEREXPOSURE: THERE ARE NO KNOWN HARMFUL EFFECTS FROM OVEREXPOSURE EXCEPT POSSIBLE MILD EYE IRRITATION.  
EMERGENCY AND FIRST AID PROCEDURES: IN CASE OF EYE CONTACT, FLUSH WITH PLENTY OF WATER.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE  
CONDITIONS TO AVOID: -  
INCOMPATIBILITY (MATERIALS TO AVOID): DO NOT BLEND WITH STRONG OXIDIZING AGENTS  
HAZARDOUS DECOMPOSITION PRODUCTS: -  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: -

SECTION VII - SPILL OR LEAKAGE PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
SCRAPE OR WIPE UP EXCESS MATERIAL AND HOSE DOWN THE REMAINDER.

WASTE DISPOSAL METHOD:  
MATERIAL IS BIODEGRADABLE AND CAN BE DISPOSED OF BY ANY STANDARD METHOD COMPATABLE WITH GOOD ECOLOGICAL PRACTICES.

SECTION VIII- SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFIC TYPE): NONE REQUIRED  
VENTILATION: NO SPECIAL REQUIREMENTS  
LOCAL EXHAUST: - SPECIAL: NONE  
MECHANICAL(GENERAL): - OTHER: -  
PROTECTIVE GLOVES: NONE REQUIRED  
EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS  
OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:  
NORMAL PRECAUTIONS TO PREVENT CONTAINER DAMAGE AND SPILLAGE.

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