



JEEN INTERNATIONAL CORPORATION

24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Issued by: JEEN International Corporation
24 Madison Road
Fairfield, NJ 07004
Telephone No.: (973) 439-1401

Chemtrec Emergency Telephone # 800-424-9300
Chemtrec Int'l Tel.# 703-527-3887(Collect Calls Accepted)

PRODUCT: **JEESORB STS-20 NF**
CHEMICAL NAME: POE (20) SORBITAN TRI-STEARATE
CHEMICAL FAMILY: ETHOXYLATED SORBITAN ESTER
CAS NO.: 9005-71-4
DATE ISSUED: 01/02/91
HMIS RATING: HEALTH (1); FIRE (1); REACTIVITY (0)

SECTION II - INGREDIENTS AND HAZARD CLASSIFICATION

COMPOSITION:	PERCENT:	PEL/TLV:	HAZARD:
POE (20) SORBITAN TRI-STEARATE	96+	NONE/NONE	SEE SECTION IV

SECTION III - PHYSICAL DATA

BOILING POINT: NOT DETERMINED
MELTING RANGE: -
SPECIFIC GRAVITY: -
VAPOR DENSITY (AIR =1): GREATER THAN 1
SOLUBILITY IN H₂O: SOLUBLE
APPEARANCE & ODOR: WAXY SEMI SOLID; YELLOW

SECTION IV - HEALTH INFORMATION

INHALATION: UNKNOWN
INGESTION: LG₅₀: GREATER THAN 64 ML/KG (RAT)
EYE CONTACT: DRAIZE EYE IRRITATION INDEX: NON-IRRITATING
SKIN CONTACT: PRIMARY SKIN IRRITATION INDEX: 0.72 (RABBIT) FOR A SIMILAR MATERIAL.

SECTION V - EMERGENCY AND FIRST AID PROCEDURE

FOR OVEREXPOSURE BY:

SWALLOWING: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

SKIN CONTACT: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER WHILE REMOVING CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSE.

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. DO NOT LET VICTIM RUB EYES. GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH AIR. VICTIM HAS STOPPED BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLE BY MOUTH-TO-MOUTH. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VI - FIRE AND EXPLOSION HAZARDS

FLASH POINT: >500°F C.O.C.

SPECIAL FIRE FIGHTING PROCEDURES:

(INDIVIDUALS SHOULD PERFORM ONLY THOSE FIRE FIGHTING PROCEDURES FOR WHICH THEY HAVE BEEN TRAINED). USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A SPILL OR LEAK HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE WITH VAPORS. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM FIRE AND TO DILUTE SPILLS TO NONFLAMMABLE MIXTURES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING IN THE POSITIVE-PRESSURE MODE WITH A FULL FACEPIECE WHEN THERE IS A POSSIBILITY OF EXPOSURE TO SMOKE, FUMES, OR HAZARDOUS DECOMPOSITION PRODUCTS.



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SECTION VII - REACTIVITY DATA

STABILITY: GENERALLY STABLE
HAZARDOUS POLYMERIZATION: NONE LIKELEY
CONDITIONS & MATERIALS TO AVOID: KEEP AWAY FROM HEAT AND FLAMES. AVOID CONTACT WITH OXIDIZING MATERIALS.
HAZARDOUS DECOMPOSITION PRODUCTS: DECOMPOSITION MAY PRODUCE CARBON MONOXIDE AND CARBON DIOXIDE.

SECTION VIII - EMPLOYEE PROTECTION

CONTROL MEASURES: HANDLE IN THE PRESENCE OF ADEQUATE VENTILATION.
RESPIRATORY PROTECTION: RECOMMENDED EXPOSURE LIMITS (I.E., OSHA-PEL AND ACGIH-TLV) HAVE NOT BEEN ESTABLISHED FOR THIS MATERIAL. IF PERSONNEL EXPERIENCE RESPIRATORY DISCOMFORT OR IRRATION, A NIOSH APPROVED HALF-MASK RESPIRATOR EQUIPPED WITH ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RECOMMENED.
PROTECTIVE CLOTHING: WEAR GLOVES AND PROTECTIVE CLOTHING WHICH ARE IMPERVIOUS TO THE PRODUCT FOR THE DURATION OF ANTICIPATED EXPOSURE IF THERE IS POTENTIAL FOR PROLONGED OR REPEATED SKIN CONTACT.
EYE PROTECTION: WEAR SAFETY GLASSES MEETING THE SPECIFICATIONS OF ANSI STANDARD Z87.1 WHERE NO CONTACT WITH THE EYE IS ANTICIPATED. CHEMICAL SAFETY GOGGLES MEETING THE SPECIFICATION OF ANSI STANDARD Z87.1 SHOULD BE WORN WHENEVER THERE IS THE POSSIBILITY OF SPLASHING OR OTHER CONTACT WITH EYES.

SECTION IX - ENVIRONMENTAL PROTECTION

ENVIRONMENTAL PRECAUTIONS: AVOID UNCONTROLLED RELEASES OF THIS MATERIAL. WHERE SPILLS ARE POSSIBLE, A COMPREHENSIVE SPILL RESPONSE PLAN SHOULD BE DEVELOPED AND IMPLEMENTED.
SPILL OR LEAK INSTRUCTIONS: WEAR APPROPRIATE RESPIRATORY PROTECTION AND PROTECTIVE CLOTHING AS DESCRIBED IN SECTION VIII. CONTAIN SPILLED MATERIAL. TRANSFER TO SECURE CONTAINERS. WHERE NECESSARY, COLLECT USING ABSROBENT MEDIA. IN THE EVENT OF AN UNCONTROLLED RELEASE OF THIS MATERIAL, THE USER SHOULD DETERMINE IF THE RELEASE IS REPORTALBE UNDER APPLICABLE LAWS AND REGUALTIONS.
WASTE DISPOSAL: ALL RECOVERED MATERIAL SHOULD BE PACKAGED, LABELED, TRANSPORTED, AND DISPOSED OR RECLAIMED IN CONFORMANCE WITH APPLICABLE LAWS AND REGUALTIONS AND IN CONFORMANCE WITH GOOD ENGINEERING PRACTICES. AVOID LANDFILLING OF LIQUIDS. RECLAIM WHERE POSSIBLE.

SECTION X - REGULATORY CONTROL

DEPARTMENT OF TRANSPORTATION:
DOT CLASSIFICATION: ESTERS, FATTY ACID OF VEGETABLE/ANIMAL OIL, NOI
PROPER SHIPPING NAME: POLISORBAC 65
OTHER REGULATORY REQUIREMENTS:
LISTED IN TSCA INVENTORY: -

SECTION XI - PRECAUTIONS: HANDLING, STORAGE AND USAGE

NO SPECIAL PRECAUTIONS NECESSARY. AVOID CONTAINER DAMAGE WHILE HANDLING AND STORING.

THE INFORMATION PRESENTED HEREIN IS BELIEVED TO BE FACTUAL AS IT HAS BEEN DERIVED FROM THE WORKS AND OPINIONS OF PERSONS BELIEVED TO BE QUALIFIED EXPERTS; HOWEVER, NOTHING CONTAINED IN THIS INFORMATION IS TO BE TAKEN AS A WARRANTY OF REPRESENTATION FOR WHICH JEEN INTERNATIONAL CORP. BEAR LEGAL RESPONSIBILITY. THE USER SHOULD REVIEW RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE TO DETERMINE WHETHER THEY ARE APPROPRIATE.