



24 Madison Road, Fairfield, New Jersey 07004, USA
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MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: **Chemtrec Emergency Telephone # 800-424-9300**
Jeen International Corp. **Chemtrec Int'l Tel.# 703-527-3887(Collect Calls Accepted)**
24 Madison Road
Fairfield, NJ 07004
Telephone No.: (973) 439-1401
Material Name: **JEESORB 0-5 NF**

HAZARD SUMMARY (AS DEFINED BY OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200):

PHYSICAL HAZARDS: NONE
HEALTH HAZARDS: NONE

Prepared/Reviewed: January 1991

SECTION II - INGREDIENTS

	<u>%</u>	<u>OSHA PEL</u>
POLYOXYETHYLENE (5) SORBITAN MONOOLEATE (CAS 9005-65-6):	100	NOT LISTED

INGREDIENTS NOT PRECISELY IDENTIFIED ARE PROPRIETARY OR NONHAZARDOUS. VALUES ARE NOT PRODUCT SPECIFICATIONS.

GT =GREATER THAN; LT =LESS THAN; CA= APPROXIMATELY

SECTION III - PHYSICAL DATA

BOILING POINT:	ABOVE 212°F, 100°C
VAPOR PRESSURE (mm/Hg @20°C):	BELOW 1.0
VAPOR DENSITY (AIR=1):	NOT APPLICABLE
SOLUBILITY IN H ₂ O:	SOLUBLE
SPECIFIC GRAVITY:	1.1
pH:	NATURAL
VOLATILES (% BY VOLUME):	NEGLIGIBLE
APPEARANCE & ODOR:	AMBER LIQUID

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED):	ABOVE 300°F, 148.9°C (CLEVELAND OPEN CUP)
AUTOIGNITION TEMPERATURE:	NO DATA
FLAMMABLE LIMITS (STP):	NO DATA
EXTINGUISHING MEDIA:	WATER FOG, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, HALOGENATED AGENTS.
SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT:	SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE AND PROTECTIVE CLOTHING.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE KNOWN

SECTION V - REACTIVITY DATA

STABILITY:	STABLE UNDER NORMAL CONDITIONS
INCOMPATIBILITY (MATERIALS TO AVOID):	OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION COMBUSTION PRODUCTS:	CARBON MONOXIDE, CARBON DIOXIDE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR



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SECTION VI - HEALTH HAZARD ASSESSMENT

GENERAL:

LIMITED TOXICITY DATA ARE AVAILABLE ON THIS SPECIFIC PRODUCT. THIS HEALTH HAZARD ASSESSMENT IS BASED ON INFORMATION FROM COMMERCIAL AND SCIENTIFIC LITERATURE.

INGESTION:

THE ACUTE ORAL LD₅₀ IN RAT IS ABOVE 36.6 g/Kg. RELATIVE TO OTHER MATERIALS, THIS PRODUCT IS CLASSIFIED AS RELATIVELY HARMLESS BY INGESTION.

EYE CONTACT:

THIS MATERIAL IS NONIRRITATING IN RABBIT EYE STUDIES; NO IRRITATION IS LIKELY TO OCCUR AFTER HUMAN EYE CONTACT.

SKIN CONTACT:

NO SKIN IRRITATION OR SENSITIZATION DEVELOPED FOLLOWING APPLICATION AMONG 50 SUBJECTS IN A HUMAN PATCH TEST.

SKIN ABSORPTION:

THIS PRODUCT WILL PROBABLY NOT BE ABSORBED THROUGH HUMAN SKIN.

INHALATION:

NO TOXIC EFFECTS ARE KNOWN TO BE ASSOCIATED WITH INHALATION OF VAPORS FROM THIS MATERIAL.

OTHER EFFECTS OF OVEREXPOSURE:

NUMEROUS LONG-TERM FEEDING STUDIES HAVE BEEN CONDUCTED ON A VARIETY OF ANIMAL SPECIES. ANIMALS HAVE BEEN FED POLYSORBATES AT DIETARY LEVELS OF UP TO 25 PERCENT, FOR PERIODS OF UP TO TWO YEARS, AND IN SOME CASES, OVER MULTIPLE GENERATIONS. AFTER REVIEWING MANY OF THESE STUDIES, THE FAO/WHO COMMITTEE ON FOOD ADDITIVES CONCLUDED THAT POLYSORBATES CAUSE NO TOXICOLOGICAL EFFECTS AT A LEVEL OF FIVE PERCENT IN THE DAILY DIET OF TEST ANIMALS. THE MOST NOTABLE EFFECT OBSERVED AT HIGH DOSES IS DIARRHEA, AN EXPECTED, NON-SPECIFIC PHYSIOLOGICAL EFFECT ASSOCIATED WITH HAVING LARGE QUANTITIES OF A RELATIVELY SLOWLY ABSORBED MATERIAL IN THE GUT.

FIRST AID PROCEDURES

SKIN:

WASH MATERIAL OFF THE SKIN WITH PLENTY OF SOAP AND WATER. IF REDNESS, ITCHING OR A BURNING SENSATION DEVELOPS, GET MEDICAL ATTENTION.

EYES:

IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF REDNESS, ITCHING OR A BURNING SENSATION DEVELOPS, HAVE EYES EXAMINED AND TREATED BY MEDICAL PERSONNEL.

INGESTION:

GIVE ONE OR TWO GLASSES OF WATER TO DRINK. IF GASTROINTESTINAL SYMPTOMS DEVELOP, CONSULT MEDICAL PERSONNEL. (NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON).

INHALATION:

REMOVE VICTIM TO FRESH AIR. IF COUGH OR OTHER RESPIRATORY SYMPTOMS DEVELOP, CONSULT MEDICAL PERSONNEL.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SOAK UP LIQUID WITH ABSORBENT AND SHOVEL INTO WASTE CONTAINER. WSH RESIDUE FROM SPILL AREA WITH WATER AND FLUSH TO A SEWER SERVICED BY A WASTEWATER TREATMENT FACILITY.

DISPOSAL METHOD:

DISCARDED PRODUCT IS NOT A HAZARDOUS WASTE UNDER RCRA, 40 CFR 261.

CONTAINER DISPOSAL:

PUNCTURE OR OTHERWISE DESTROY EMPTY CONTAINER BEFORE DISPOSAL

SECTION VIII - SPECIAL PROTECTION INFORMATION

TLV OR SUGGESTED CONTROL VALUE:

NO TLV ASSIGNED. MINIMIZE EXPOSURE IN ACCORDANCE WITH GOOD HYGIENE PRACTICE.

RESPIRATORY PROTECTION (SPECIFY TYPE):

IF NEEDED, USE MSHA-NIOSH APPROVED RESPIRATOR FOR DUSTS, MISTS AND FUMES WHOSE TLV IS GREATER THAN 0.05 mg/m³.

PROTECTIVE CLOTHING:

IMPREVIOUS GLOVES AND APRON

EYE PROTECTION:

CHEMICAL TIGHT GOGGLES

OTHER PROTECTIVE EQUIPMENT:

EYEWASH STATION IN WORK AREA



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SECTION IX - SPECIAL PRECAUTIONS OR OTHER COMMENTS

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING:

NORMAL CHEMICAL HANDLING AND STORAGE. DO NOT USE THIS PRODUCT IN FORMULATIONS INTENDED FOR PARENTERAL ADMINISTRATION UNLESS THE FINAL FORMULATION HAS BEEN TESTED THOROUGHLY AND IS SAFE FOR ITS INTENDED USE.

SECTION X - REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCES CONTROL ACT) REGULATIONS, 40 CFR 710:

ALL INGREDIENTS ARE ON THE TSCA CHEMICAL SUBSTANCES INVENTORY.

CERCLA AND SARA REGULATIONS (40 CFR 355, 370, AND 372):

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA SECTION 313.

STATE REGULATIONS:

CALIFORNIA PROPOSTION 65:

WARNING:

THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.