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#### MATERIAL SAFETY DATA SHEET

#### SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: **Chemtrec Emergency Tel.# 800-424-9300**  
JEEN INTERNATIONAL CORPORATION **Chemtrec Int'l Tel.# 703-527-3887(Collect Calls Accepted)**  
24 MADISON ROAD  
FAIRFIELD, NJ 07004  
Telephone No.: (973) 439-1401  
Product: **JEECHEM CAH-100**  
Chemical Name: HYDROGENATED CASTOR OIL POE-100  
CAS Number: 61788-85-0  
Date Prepared: 10/16/85

#### SECTION II - INGREDIENTS AND HAZARDS

HAZARD CLASSIFICATION: IRRITANT  
HAZARDOUS INGREDIENTS: POLYOXETHYLENE HYDROGENATED CASTOR OIL  
LIMITS: NOT ESTABLISHED

#### SECTION III - PHYSICAL DATA

BOILING POINT(°F.): N/A SPECIFIC GRAVITY: 1.1  
VAPOR PRESSURE: N/A MELTING POINT, F: 125  
VAPOR DENSITY: N/A EVAPORATION RATE: N/A  
SOLUBILITY IN WATER: SOLUBLE  
APPEARANCE: WHITE TO LIGHT TAN SOLID  
ODOR: SLIGHT CHARACTERISTIC CASTOR

N/A = NOT APPLICABLE

#### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT, F, COC: 500 F  
FLAMMABLE LIMITS: NOT ESTABLISHED  
AUTO IGNITION TEMPERATURE: NOT ESTABLISHED  
EXTINGUISHING MEDIA: USE WATER SPRAY, DRY CHEMICAL, FOAM OR CARBON DIOXIDE.  
SPECIAL PROCEDURES: USE WATER SPRAY TO COOL DRUMS EXPOSED TO FIRE.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: FIREFIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS TO AVOID EXPOSURE TO SMOKE AND VAPOR.

#### SECTION V - REACTIVITY DATA

STABILITY: PRODUCT IS STABLE  
INCOMPATIBILITY: AVOID CONTACT WITH STRONG OXIDIZING AGENTS  
DECOMPOSITION PRODUCTS: CARBON OXIDES  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR



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#### SECTION VI - HEALTH HAZARD DATA

ROUTES OF EXPOSURE: INGESTION, EYES AND SKIN

*SYMPTOMS:*

INGESTION: OVEREXPOSURE MAY CAUSE GASTROINTESTINAL IRRITATION, DIARRHEA, NAUSEA, AND VOMITING

EYES: OVEREXPOSURE CAUSES EXCESSIVE WATERING, REDNESS AND STINGING.

SKIN: OVEREXPOSURE MAY CAUSE ITCHING AND REDNESS SIMILAR TO A RASH.

*FIRST AID:*

INGESTION: CONTACT PHYSICIAN OR POISON CONTROL CENTER. IF VICTIM IS CONSCIOUS AND ABLE TO SWALLOW, QUICKLY GIVE MILK OR WATER TO DILUTE. DO NOT GIVE SODIUM BICARBONATE, VINEGAR, OR FRUIT JUICES. NEVER GIVE ANYTHING BY MOUTH IF VICTIM IS UNCONSCIOUS OR HAVING CONVULSIONS. INDUCE VOMITING ONLY UPON ADVICE OF PHYSICIAN.

EYES: FLUSH IMMEDIATELY WITH COPIOUS AMOUNTS OF WATER. CONTINUE FLUSHING FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.

SKIN: WASH EXPOSED AREAS WITH SOAP AND WATER. IF ITCHING AND REDNESS PERSIST, SEEK MEDICAL ATTENTION.

PRODUCT IS NOT LISTED IN NTP, IARC OR BY OSHA AS A CARCINOGEN.

#### SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL: CONTAIN MATERIAL BY DIKING THE AREA AROUND THE SPILL. IF THE PRODUCT IS IN A SOLID FORM, SHOVEL DIRECTLY INTO RECOVERY DRUMS. IF THE PRODUCT IS A LIQUID, IT SHOULD BE PICKED UP USING A SUITABLE ABSORBANT MATERIAL, THEN SHOVELED TO RECOVERY DRUMS. IF MATERIAL IS RELEASED INTO THE ENVIRONMENT, THE USER SHOULD DETERMINE WHETHER THE SPILL SHOULD BE REPORTED TO THE APPROPRIATE STATE AND FEDERAL AUTHORITIES.

WASTE DISPOSAL: CONSULT LOCAL, STATE, AND FEDERAL REGULATIONS BEFORE DISPOSING OF THIS MATERIAL.

HANDLING AND STORAGE: NO SPECIAL REQUIREMENTS.

#### SECTION VIII- CONTROL MEASURES

RESPIRATORY PROTECTION: NOT REQUIRED.

VENTILATION: NO SPECIAL REQUIREMENTS.

PROTECTIVE GLOVES: CHEMICAL RESISTANT RUBBER GLOVES.

EYE PROTECTION: CHEMICAL GOGGLES.

OTHER EQUIPMENT: EYE WASH AND SAFETY SHOWER IN THE WORK AREA.

WORK/HYGIENIC PRACTICES - AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

