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MATERIAL SAFETY DATA SHEET  
Latest Revision Date: APRIL 12, 2012

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: JEEN INTERNATIONAL CORPORATION  
24 MADISON ROAD  
FAIRFIELD, NJ 07004  
Telephone # 973-439-1401  
**Chemtrec Emergency Telephone No.: 800-424-9300**  
**Chemtrec International Telephone No.: 703-527-3887 (Collect Calls Accepted)**

Product: **JEECHEM STO**  
CAS#: 26266-58-0  
Shipping Name: Not Regulated  
Formula:  $C_{60}H_{108}O_8$   
Hazard Classification: Non-Hazardous  
Label: None  
Chemical Name: Sorbitan trioleate; Sorbitan trioctadecenoate

SECTION 2- COMPOSITION / INFORMATION ON COMPONENTS

COMPONENT	CAS #	WEIGHT %
ANHYDRO-D-GLYCITOL TRIOLEATE	26266-58-0	90,00-100,00
FATTY ACIDS, C14-18 AND C16-18-UNSATD.	67701-06-8	5,00-10,00

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION

FORM: LIQUID  
COLOR: LIGHT YELLOW  
ODOR: FATTY ODOR  
HAZARD SUMMARY: HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE  
OSHA HAZARDS: MILD SKIN IRRITANT

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTES OF ENTRY: EYES, SKIN, INHALATION, INGESTION  
INHALATION: NO INFORMATION AVAILABLE  
SKIN: MAY CAUSE SKIN IRRITATION  
EYES: NO HAZARDS TO BE SPECIALLY MENTIONED  
INGESTION: NO HAZARDS TO BE SPECIALLY MENTIONED  
CHRONIC EXPOSURE: NO INFORMATION AVAILABLE

SECTION 4 – FIRST AID MEASURES

FIRST AID PROCEDURES

INHALATION: IF BREATHED IN, MOVE PERSON INTO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.  
SKIN CONTACT: WASH OFF WITH SOAP AND PLENTY OF WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPED AND PERSISTS.  
EYE CONTACT: IN THE CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE. IF EYE IRRITATION PERSISTS, CONSULT A SPECIALIST  
INGESTION: RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING WITHOUT MEDICAL ADVICE. IF SYMPTOMS PERSIST, CALL A PHYSICIAN

**SECTION 5 – FIRE FIGHTING MEASURES**

FLASH POINT:	220°F, 104 C
IGNITION TEMPERATURE	REMARKS: NO DATA AVAILABLE
LOWER EXPLOSION LIMIT	NOT APPLICABLE
UPPER EXPLOSION LIMIT	NOT APPLICABLE
FIRE FIGHTING:	
SUITABLE EXTINGUISHING MEDIA	WATER SPRAY, DRY POWDER, FOAM
FURTHER INFORMATION	TREAT AS HOT OIL OR FAR, USE WATER SPRAY FOR EXTINCTION. USE WATER SPRAY TO COOL UNOPENED CONTAINERS. PREVENT FIRE EXTINGUISHING WATER FROM CONTAMINATING SURFACE WATER OR THE GROUND WATER SYSTEM.
PROTECTIVE EQUIPMENT AND PRECATUIONS FOR FIRE FIGHTERS	
SPECIFIC HAZARDS DURING FIREFIGHTING:	HEATING OR FIRE CAN RELEASE TOXIC GAS
SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS	MUST WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. USE PERSONAL PROTECTIVE EQUIPMENT

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS	WEAR PERSONAL PROTECTIVE EQUIPMENT. IN THE CASE OF RESPIRABLE DUST AND OR FUMES USE SELF-CONTAINED BREATHING APPARATUS AND DUST IMPERVIOUS PROTECTIVE SUIT. SWEEP UP PREVENT SLIPPING HAZARD DO NOT FLUSH INTO SURFACE WATER OR SANITARY SEWER SYSTEMS
ENVIRONMENTAL PRECAUTIONS	
METHODS FOR CONTAINMENT / METHODS FOR CLEANING UP:	CONTAIN SPILLAGE, SOAK UP WITH NON-COMBUSTIBLE ABSORBENT MATERIAL. CONTAMINATED SURFACES WILL BE EXTREMELY SLIPPERY.
ADDITIONAL ADVICE	

**SECTION 7 – HANDLING AND STORAGE**

HANDLING	PROVIDE SUFFICIENT AIR EXCHANGE AND OR EXHAUST IN WORK ROOMS. NO SPECIAL PRECAUTIONS REQUIRED.
STORAGE	TO MAINTAIN PRODUCT QUALITY, DO NOT STORE IN HEAT OR DIRECT SUNLIGHT. KEEP CONTAINER TIGHTLY CLOSED.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

CONTAINS NO SUBSTANCES WITH OCCUPATIONAL EXPOSURE LIMIT VALUES

PERSONAL PROTECTIVE EQUIPMENT

EYE PROTECTION:	SAFETY GLASSES WITH SIDE-SHIELDS
HAND PROTECTION	WEAR SUITABLE GLOVES
SKIN AND BODY:	NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED. WEAR SUITABLE PROTECTIVE CLOTHING.
RESPIRATORY;	IN PROCESSES WHERE MISTS OR VAPOR ARE GENERATED

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPERANCE	
FORM:	LIQUID
COLOR	LIGHT YELLOW
ODOR	FATTY ODOR

SAFETY DATA	
FLASH POINT	220 F (104 C)
IGNITION TEMP	REMARKS: NO DATA AVAILABLE
LOWER EXPLOSION LIMIT	NOTE: NOT APPLICABLE
UPPER EXPLOSION LIMIT	NOTE: NOT APPLICABLE
PH:	7,0 @ 50,00 G/L
VAPOR PRESSURE	NOTE: NOT APPLICABLE
DENSITY	0,9600 G/CM @ 77,0 F (25,0 C)
BULK DENSITY	NOTE: NOT APPLICABLE
WATER SOLUBILITY	NOTE: DISPERSIBLE
VISCOSITY, DYNAMIC	230,000 MPA.S @ 77,0 F (25,0 C)
RELATIVE VAPOR DENSITY	NOTE: NOT APPLICABLE

**SECTION 10 – STABILITY AND REACTIVITY**

CONDITIONS TO AVOID:	REMARKS: NO DATA AVAILABLE
MATERIALS TO AVOID:	REMARKS: ACIDS, STRONG OXIDIZING AGENTS BASES
HAZARDOUS DECOMPOSITION PRODUCTS	NOTE: HEATING OR FIRE CAN RELEASE TOXIX GAS
HAZARDOUS REACTIONS	HAZARDOUS POLYMERISATION DOES NOT OCCUR. NOTE: STABLE UNDER NORMAL CONIDITIONS

**SECTION 11 – TOXICOLOGICAL INFORMATION**

ACUTE ORAL TOXICITY	LD50 RAT DOSE:> 15 900 MG/KG
SKIN IRRITATION	RABBIT RESULT: MILD IRRITANT HUMANS RESULT: NON IRRITANT
EYE IRRITATION	RABBIT RESULT: NON IRRITANT

**SECTION 12 – ECOLOGICAL INFORMATION**

ADDITIONAL ECOLOGICAL INFO THERE IS NO DATA AVAILABLE FOR THIS PRODUCT

**SECTION 13 – DISPOSAL CONSIDERATION**

FURTHER INFORMATION	DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS. THEORGANIC INGREDIENTS CAN BE INCINERATED IN A SUITABLE INSTALLATION WHEN IN ACCORDANCE WITH LOCAL REGULATIONS.
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**SECTION 14 – TRANSPORT INFORMATION**

DOT:	NOT DANGEROUS
TDG	NOT DANGEROUS GOOD
IATA	NOT DANGEROUS GOODS
IMDG-CODE	NOT DAGEROUS GOODS
RID	NOT DANGEROUS GOODS

NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS

**SECTION 15 – REGULATORY INFORMATION**



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OSHA HAZARDS  
WHMIS CLASSIFICATION

MILD SKIN IRRITANT  
D2B TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS

TSCA STATUS

ALL COMPONENTS OF THIS PRODUCT ARE CURRENTLY LISTED ON THE EPA TSCA 8 (B) INVENTORY LIST OR ARE INCIDENTAL BY PRODUCTS.

SARA 311, 312 HAZARDS

ACUTE HEALTH HAZARD

EPCRA – EMERGENCY PLANNING COMMUNITY RIGHT-TO-KNOW

SARA 302 COMPONENTS

SARA 302: NO CHEMICALS IN THIS MATERIAL ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 302

SARA 313 COMPONENTS

SARA 313: THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENTS WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD (DE MINIMIS) REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313

US STATE REGULATIONS

MASSACHUSETTS RIGHT TO

KNOW COMPONENTS

NO COMPONENTS ARE SUBJECT TO THE MASSACHUSETTS RIGHT TO KNOW ACT

PENNSYLVANIA RIGHT TO

KNOW COMPONENTS

NOT COMPONENTS ARE SUBJECT TO THE PENNSYLVANIA RIGHT TO KNOW ACT

NEW JERSEY RIGHT TO KNOW

COMPONENTS

NO COMPONENTS ARE SUBJECT TO THE NEW JERSEY TO KNOW ACT

CALIFORNIA PROP 65

COMPONENTS

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR ANY OTHER REPRODUCTIVE HARM.

THIS PRODUCT HAS BEEN CLASSIFIED ACCORDING TO THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR.

SECTION 16- OTHER INFORMATION

HMIS CLASSIFICATIONS:

<b>HEALTH HAZARD</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>

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