



24 Madison Road, Fairfield, New Jersey 07004, USA  
 Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,  
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## MATERIAL SAFETY DATA SHEET

### SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name:	JEEN International Corp. 24 Madison Road Fairfield, NJ 07004 Telephone No.: (973) 439-1401	Chemtrec Emergency Tel. # 800-424-9300 *Chemtrec International Emergency Tel.# 703-527-3887 *Collect Calls Accepted
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PRODUCT:	<b>JEESORB S-20 NF</b>	
SYNONYMS:	POE (20) SORBITAN MONOSTEARATE	
CHEMICAL:	POLYSORBATE 60	REVISION DATE: 9/13/02

### SECTION 1 – PRODUCT INFORMATION

Synonyms:	None
Molecular Formula:	NA
Chemical Family:	Not Applicable
Molecular Wt.:	Not Applicable

### SECTION 2 – INGREDIENTS

Chemical Name:	CAS	Amount
Sorbitan, Monooctadecanoa	9005-67-8	~ 100.0 %
PEL/TLV Not Established		
Vitamine E Alcohol	10191-41-0	~ 100.0 PPM
PEL/TLV Not Established		

### SECTION 3 – PHYSICAL PROPERTIES

Color:	Amber					
Form/Appearance:	Paste					
Odor:	Bland					
Odor Intensity:	Mild					
Specific Gravity:	Typical 1.08	Low/High @ 25 Deg. C	U.O.M			
pH:	Not Available					
Boiling Point:	Typical > 300	Low/High	Deg. F	@ 1	Pressure Atmospheres	
Freezing Point:	Not Available					
Decomp. Tmp:	Not Available					
Solubiity in Water Description:	Soluble					
Vapor Pressure:	< 1	MM HG	X	25	Deg. C	XX
Vapor Density: (Air = 1):	> 1					
Volatile by Vol. % :	< 4					

### SECTION 4 – FIRE AND EXPLOSION DATA

	Typical	Low/High	Deg.	Method
Flash Point:	> 300		F	Pensky-Martens Closed C
Autoignition:	Not Available			
Extinguishing Media:	Use water, dry extinguishing media, carbon dioxide (CO2) or foam.			
Fire Fighting Procedures:	Firefighters should be equipped with self-contained breathing apparatus and turn out gear.			
Unusual Hazards:	There are no known unusual fire or explosion hazards.			



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**SECTION 5 – HEALTH EFFECTS**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

**Acute Overexposure Effects:**

Contact with the eyes may result in temporary irritation. Prolonged or repeated skin contact may result in slight, temporary irritation. Ingestion of large amounts will result in diarrhea and weakness. Inhalation of the vapors or mists may result in respiratory irritation.

**Chronic Overexposure Effects:**

There are no known chronic effects associated with this material.

**First Aid Procedures – Skin:**

Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

**First Aid Procedures – Eyes:**

Immediately rinse eyes with running water for 15 minutes. If irritation develops, get medical attention.

**First Aid Procedures – Ingestion:**

If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

**First Aid Procedures – Inhalation:**

Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

**First Aid Procedures – Notes to Physicians:**

None known.

**First Aid Procedures – Aggravated Medical Conditions:**

No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects (if any) observed in animals.

**First Aid Procedures – Special Precautions:**

None

**SECTION 6 – REACTIVITY DATA**

Stability Data:	Stable
Incompatibility:	No data available.
Conditions/Hazards to Avoid:	No data available.
Hazardous Decomposition/Polymerization:	
Hazardous Decomposition Products:	No data available.
Corrosive Properties:	Not corrosive.
Oxidizer Properties:	Not an oxidizer
Other Reactivity Data:	None known.

**SECTION 7 – PERSONAL PROTECTION**

Clothing:	Gloves, coveralls, apron, boots as necessary to minimize contact.
Eyes:	Chemical goggles; also wear a face shield if splashing hazard exists.
Respiration:	Approved organic vapor mist respirator as necessary.
Ventilation:	Use local exhaust to control vapors/mists.
Explosion Proofing:	None required

**SECTION 8 – SPILL – LEAK / ENVIRONMENTAL**

**General:**

Spills should be contained, solidified, and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA (“Superfund”). Wear appropriate respiratory protection and protective clothing and provide adequate ventilation during clean-up.

**Waste Disposal:**

Incinerate in a licensed facility. Do not discharge into waterway or sewer systems.

**Container Disposal:**

Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized reuse.



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**SECTION 9 – STORAGE AND HANDLING**

General: Store at moderate temperatures, in tight containers.

**SECTION 10 – REGULATORY INFORMATION**

TSCA Inventory Status  
 Listed on Inventory: Yes

RCRA Haz. Waste No.: NA  
 CERCLA: No Reportable Qty.: (if Yes)  
 State Regulatory Information: (By Component) NJ/PA/MA RTK  
 CAS: 9005-67-8 No  
 Name: Sorbitan, Monooctadecanoa No

CAS: 10191-41-0  
 Name: Vitamine E Alcohol  
 Hazard Ratings:

	Health:	Fire:	Reactivity:	Special:
HMIS	1	1	0	NA
NFPA	1	1	0	NA

Flavor Status: K Kosher: Yes BATF Registered: No No:

This product is not hazardous according to the OSHA Harzard Communication Standard.

This product may contain trace amounts of ethylene oxide and 1,4-dioxane, chemicals known to the state of California to cause cancer and/or birth defects or reproductive harm.

**SECTION 11 – TRANSPORTATION INFORMATION**

DOT Proper Shipping Name: N/A  
 DOT Technical Name: N/A  
 DOT Primary Hazard Class: N/A  
 DOT Secondary Hazard Class: N/A  
 DOT Label Required: N/A  
 DOT Placard Required: N/A  
 DOT Poison Constituent: N/A  
 BASF Commodity Codes: UN/NA Code: E/R Guide: N/A

**Bill of Lading Description:**

NOT REGULATED BY THE DEPARTMENT OF TRANSPORTATION "IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION / USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOU PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION FURNISHED BY JEEN INTERNATIONAL HEREUNDER ARE GIVEN GRATIS AND JEEN INTERNATIONAL ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK".