



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

SORBITAN MONOOLEATE (SPAN (R) 80)

30-5095

Section 1: Identification

Product Name SORBITAN MONOOLEATE (SPAN (R) 80)
Commercial Name N/A
Product Use N/A
Restrictions On Use N/A

Product Code 30-5095

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available
CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) Not available

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available
Response Not available
Storage Not available
Disposal Not available.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components SPAN (R) 80 (SORBITAN MONOOLEATE)
% By Weight N/A
CAS# 1338-43-8
Molecular Weight N/A
Chemical Formula N/A
Synonym(s) N/A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
SPAN (R) 80 (SORBITAN MONOOLEATE)	1338-43-8	N/A	N/A	N/A

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Section 4: First-Aid Measures

Inhalation	If breathed in, move person into fresh air. If symptoms persist, call a physician.
Skin Contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.
Ingestion	If large quantities of this material are swallowed, call a physician immediately.
Symptoms/Effects	
Acute	N/A
Delayed	N/A
Immediate Medical Attention	
N/A	

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	High volume water jet
Products of Combustion	N/A
Firefighters Special Equipment and Precautions	In the event of a fire, wear self-contained breathing apparatus. Do not use a solid water stream as it may scatter and spread fire. Do not allow run-off from fire fighting to enter drains or water courses.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Ensure adequate ventilation. Methods and materials for containments and cleaning up: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

Section 7: Handling and Storage

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Conditions for safe storage: Store in original container. Keep container tightly closed in dry and well-ventilated place. Materials to avoid: No special restrictions on storage with other products.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	N/A
Engineering Controls	N/A
Personal Protection	Respiratory protection: No personal respiratory protective equipment normally required. Hand protection: For prolonged or repeated contact use protective gloves. Eye protection: Safety glasses. Skin and body protection: Impervious clothing. Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Appearance	Liquid yellow-orange		
Odor	N/A		
Odor Threshold	N/A		
Melting Point	N/A	pH	N/A
Freezing Point	N/A	Vapor Pressure	< 1.00 hPa
Boiling Point/Range	> 100 °C	Vapor Density	N/A
Decomposition temperature	N/A	Viscosity	approximately 1,000 mPa.s (25 °C)
Partition Coefficient: n-octanol/water	N/A	Evaporation Rate	N/A
Flash Point	>148.9C (300F) Method ope	Autoignition temperature	N/A
Flammability	N/A	Flammability or Explosive Limits:	
		Lower	N/A
		Upper	N/A
Solubility(ies)	Not available for water.		
Other	soluble Solvent: Ethyl acetate soluble Solvent: 2-ethoxyethanol soluble Solvent: vegetable oil soluble Solvent: mineral oil soluble Solvent: cottonseed oil insoluble Solvent: acetone-like insoluble Solvent: ethylene glycol insoluble Solvent: propylene glycol slightly soluble Solvent: lower alcohols slightly soluble Solvent: Diethylether slightly soluble Solvent: Dioxane		

Section 10: Stability and Reactivity

Reactivity	N/A
Chemical Stability	Stable under normal conditions
Hazardous Polymerization	Hazardous polymerisation does not occur.
Conditions to Avoid	N/A
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	In case of fire hazardous decomposition products may be produced such as : Carbon oxides

Section 11: Toxicological Information

RTECS N/A

Acute Toxicity

Oral: LD50 Rat: 39800 mg/kg Assessment: No mortality observed at this does. Remarks: Low acute toxicity. Skin: Species:Rabbit Method-Draize test. Remarks: Slight irritation Eye: Species: Rabbit Method: Draize Test Remarks: No eye irritation

Skin Corrosion/Irritation

N/A

Serious Eye Damage/Irritation

N/A

Respiratory or Skin Sensitization

Test on human volunteers did not demonstrate sensitization properties

Germ Cell Mutagenicity

N/A

Carcinogenicity

N/A

Reproductive Toxicity

N/A

Routes of Entry

N/A

Symptoms Related to Exposure

N/A

Potential Health Effects

N/A

Target Organ(s)

N/A

Section 12: Ecological Information**Ecotoxicity**

Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)): >1000 mg/l Exposure time: 96h Test Method: static test

Persistence and DegradabilityBiodegradability: Remarks: Biodegradable Biochemical Oxygen Demand: 62%. Method: OECD 301C ThBOD: 2.39 gO2/g
Dissolved organic carbon: 98.2%. Method: OECD 301C. GLP %**Bioaccumulative Potential**

N/A

Mobility in Soil

N/A

Other Adverse Effects

N/A

Section 13: Disposal Considerations**Waste Disposal**

Dispose of in accordance with local regulations

Disposal of Container

Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal

Other Considerations

N/A

Section 14: Transport Information**DOT Classification**

Not regulated with DOT, TDG, IMDG and IATA

Section 15: Regulatory Information**Regulations**

SARA 311/312 Hazards: No SARA Hazards SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. 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 Pennsylvania Right To Know Sorbitan ester13384390100 California Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects. The ingredients of this product are reported in the following inventories: TSCA All chemical substances in this product are listed on the TSCA Inventory. The ingredients of this product are reported in the following inventories: TSCA All chemical substances in this product are listed on the TSCA Inventory. REACH This substance is exempt from registration according to Regulation (EU) No. 1907/2006 (REACH). CH INV: On the inventory, or in compliance with the inventory AICS: On the inventory, or in compliance with the inventory DSL: All components of this product are on the Canadian DSL. NZIoC: On the inventory, or in compliance with the inventory ENCS :On the inventory, or in compliance with the inventory ISHL: On the inventory, or in compliance with the inventory KECI:On the inventory, or in compliance with the inventory PICCS:On the inventory, or in compliance with the inventory IECSC:On the inventory, or in compliance with the inventory

Other

N/A



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Section 16: Other Information

N/A