

Material Safety Data Sheet

CTD, Inc. - Distributor/Broker
Manufacturer
 14120 N. W. 126th Terrace
 Alachua, FL. 32615
Address
 (386) 418-8060
Phone Number (For Information)
 SAME
Emergency Phone Number

Trappsol® Hydroxypropyl Beta Cyclodextrin
 Identity (Trade Name As Used On Label)
 Catalog No. THPB
MSDS Number
 128446-35-5
CAS Number
 8/9/11
Date Prepared
 C. E. Rick Strattan
Prepared By
 Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	% *	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Pure Products				
(See Coft)				
Alpha Cyclodextrin				
Beta Cyclodextrin				
Hydroxypropyl Beta Cyclodextrin				
Methyl Beta Cyclodextrin				
Non-Hazardous Ingredients Hydroxypropyl BCD	100%			
TOTAL	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point N/A **Specific Gravity (H2O = 1)** N/A

Vapor Pressure (mm Hg and Temperature) N/A **Melting Point** Decomposes above 200°C

Vapor Density (Air = 1) N/A **Evaporation Rate (_____ = 1)** N/A

Solubility in Water Approx. 50% **Water Reactive** No - Dissolves

Appearance and Order Fine white powder with no odor

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	N/A	Auto-ignition Temperature: N/A	Flammability Limits in Air % by Volume	N/A	LEI	N/A	UEL	N/A
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Extinguisher Media Water spray, carbon dioxide, dry chemicals powder alcohol or polyfoam

Special Fire Fighting Procedures Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

Unusual fire and Explosion Hazards None Known

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> Stable Unstable	Condition	None known
	To Avoid	
Incompatibility (Materials to Avoid) None known		
Hazardous Decomposition Products None known		
Hazardous Polymerization May Occur <input checked="" type="checkbox"/> Will Not Occur	Conditions	None known
	To Avoid	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Ingestion	CARCINOGEN LISTED IN	NTP	OSHA
	Skin Absorption	Not Hazardous		IARC Monograph	Not Listed
HEALTH HAZARDS	Acute None known , but physical, chemical and toxicological properties have not been investigated. Chronic None known or reported				
Signs and Symptoms of Exposure	None know or reported				
Medical Conditions Generally Aggravated by Exposure	None known or reported				
EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment, observation and support if necessary.					
Eye Contact	Immediately flush eye with water with copious amounts of water for a least 15 minutes				
Skin Contact	Immediately wash skin with soap and copious amounts of water				
Inhalation	Remove to fresh air, if not breathing or breathing is difficult get medical attention				
Ingestion	No special procedure known				

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type)	Avoid contact and inhalation. Do not get in eyes skin or clothing				
Protective Gloves	Rubber gloves recommended	Eye Protection	Safety glass recommended		
VENTILATION	Local Exhaust	Mechanical (general)	Special		
TO BE USED	<input checked="" type="checkbox"/> Other (specify) Avoid inhalation of dust, use with adequate ventilation				
Other Protective Clothing and Equipment	None known				
Hygienic Work Practices	Follow above recommendations				

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken If Material Is Spilled Or Released	Sweep up and place in a bag. Avoid raising, breathing or contact with dust				
Waste Disposal Methods	Normal - observe all Federal, State, Local Laws				
Precautions to be Taken in Handling and Storage	Store in cool, dry area; keep enclosed				
Other Precautions and/or Special Hazards	None				
NFPA	HMIS				
Rating * Health	Flammability	Reactivity	Special	Rating * Health	Flammabi Reactivity Personal Protection
Optional	© Copyright 1986, Science Related Materials, Inc. All Rights Reserved			Recorder No. 2217-2	

Other precautions and/or special Hazards: Although none are know, due care must be exercised in the use and handling of this material. The above information is believed to be correct, but does not purport to be all inclusive and should therefore only be used as a guide. CTD< inc shall not be held liable for any damage or injury resulting from mishandling or contact with the above product.