

# Material Safety Data Sheet

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

Trappsol® Randomly Methylated Beta Cyclodextrin  
 Identity (Trade Name As Used On Label)  
 Catalog No. TRMB-P, TRMB-T  
**MSDS Number**  
 128446-36-6  
**CAS Number**  
 December 12, 2011  
**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 Randomly Methylated BCD	100%			
<b>TOTAL</b>	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** N/A

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

**Solubility in Water** N/A      **Water Reactive** No

**Appearance and Order**      White or slightly yellow powder with no odor

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point and Method Used</b>	N/A	<b>Auto-ignition Temperature:</b> N/A	<b>Flammability Limits in Air % by Volume</b>	N/A	<b>LEI</b>	N/A	<b>UEL</b>	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

<b>STABILITY</b>	<input checked="" type="checkbox"/> Stable	Condition To Avoid	None known
	<input type="checkbox"/> Unstable		
<b>Incompatibility (Materials to Avoid)</b>			
None known			
<b>Hazardous Decomposition Products</b>			
Formation of CO <sub>2</sub> , CO, and incompletely burned hydrocarbons is possible.			
<b>Hazardous Polymerization</b>			
May Occur		Conditions To Avoid	
<input checked="" type="checkbox"/> Will Not Occur		None known	

## SECTION 5 - HEALTH HAZARD DATA

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

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

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

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

<b>Steps to be Taken If Material Is Spilled Or Released</b>	
Sweep up and place in a bag. Avoid raising, breathing or contact with dust	
<b>Waste Disposal Methods</b>	
Normal - observe all Federal, State, Local Laws	
<b>Precautions to be Taken in Handling and Storage</b>	
Store in cool, dry area; keep enclosed	
<b>Other Precautions and/or Special Hazards</b>	
None	

<b>NFPA</b>	<b>HMIS</b>
Rating * Health _____ Flammability _____ Reactivity _____ Special _____	Rating * Health _____ Flammabi Reactivity _____ Personal Protection _____
Optional	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.