

**Safety Data Sheet**

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

Section 1: Identification

Product Name Capsule#0 - Clear Locking (Cellulose)
Commercial Name Cellulose Capsules
Product Use Assists administration of medicine / dietary supplements via dosage encapsulation.
Restrictions On Use Not available.
Product Code 30-2646
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 applicable.
CFR 1910.1200
Signal Word NON-HAZARDOUS
Hazard Statement(s) Not applicable.
Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not applicable.
Response Not applicable.
Storage Not applicable.
Disposal Not applicable.

Section 3: Composition/Information on Ingredients

Substance/Mixture Mixture
Components Hypromellose (HPMC), Purified water
% By Weight qsp 100%, 5.0%
CAS# 9004-65-3, 7732-18-5
Molecular Weight Not available.
Chemical Formula N/A
Synonym(s) N/A

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Hypromellose	9004-65-3	Not available	N/A	N/A
Water	7732-18-5	Not available	N/A	N/A

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Section 4: First-Aid Measures

Inhalation	Not applicable.
Skin Contact	Not applicable.
Eye Contact	Not applicable.
Ingestion	Not applicable.
Symptoms/Effects	
Acute	Not applicable.
Delayed	Not applicable.

Immediate Medical Attention

Not applicable.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Water, dry powder, foam carbon dioxide extinguishers.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Toxic gas products and foul odor expected upon pyrolysis or combustion.

Firefighters Special Equipment and Precautions

Not available.

Section 6: Accidental Release Measures

Not applicable.

Section 7: Handling and Storage

Handling: Product not hazardous to human body upon exposure. Avoid hard impact and wetness for maintaining optimum product quality. Warehouse storage condition: The ideal storage temperature for unopened cartons of empty hard capsules ranges from 15 to 25. To maintain optimal condition, keep the cartons away from heat sources, including direct sunlight, and ensure they are stored in a dry location. During operation: For the encapsulation process, the recommended operating conditions for empty hard capsules are a temperature range of 15C to 25C and a relative humidity level between 35% and 65%.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not applicable.
Engineering Controls	Not applicable.
Personal Protection	Not applicable.

Section 9: Physical and Chemical Properties

Appearance	Solid object with or without color.		
Odor	Odorless		
Odor Threshold	Not applicable.		
Melting Point	Not applicable.	pH	Not applicable.
Freezing Point	Not applicable.	Vapor Pressure	Not applicable.
Boiling Point/Range	Not applicable.	Vapor Density	Not applicable.
Decomposition temperature	Not applicable.	Viscosity	Not applicable.
Partition Coefficient: n-octanol/water	Not applicable.	Evaporation Rate	Not applicable.
Flash Point	Not applicable.	Autoignition temperature	Not applicable.
Flammability	Not applicable.	Flammability or Explosive Limits:	
		Lower	Not applicable.
		Upper	Not applicable.
Solubility(ies)	water soluble; creates cohesive solution or gel.		
Other	Not applicable.		

Section 10: Stability and Reactivity

Reactivity	None.
Chemical Stability	Stable in normal temperature and pressure.
Hazardous Polymerization	Not available.
Conditions to Avoid	Avoid heat, ignitable sources and moisture.
Incompatible Materials	Not applicable.
Hazardous Decomposition Products	Not applicable.

Section 11: Toxicological Information

RTECS	Not applicable.
Acute Toxicity	Not applicable.
Skin Corrosion/Irritation	Not applicable.
Serious Eye Damage/Irritation	Not applicable.
Respiratory or Skin Sensitization	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Routes of Entry	Not applicable.
Symptoms Related to Exposure	Not applicable.

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Potential Health Effects

Not applicable.

Target Organ(s)

Not applicable.

Section 12: Ecological Information**Ecotoxicity**

Cellulose ethyl products normally possess low toxic levels for fish.

Persistence and Degradability

HPMC is a cellulose ethyl product. Cellulose ethyl products normally have a slow rate of biological decomposition.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Dispose as domestic waste according to local regulations.

Disposal of Container

Dispose as domestic waste according to local regulations.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Avoid high temperatures, high pressure or impact. Avoid wet places.

Section 15: Regulatory Information**Regulations**

No relevant regulation applicable.

Other

Not available.

Section 16: Other Information

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