



Safety Data Sheet

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

Capsule #3-Clear Locking (Cellulose)

30-3181

Section 1: Identification

Product Name Capsule #3-Clear Locking (Cellulose)
Commercial Name Empty Hard Hypromellose Capsules/Hard Cellulose of vegetable origin
Product Use Assists administration of medicine/dietary supplements via dosage encapsulation
Restrictions On Use Not available
Product Code 30-3181
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 Mixture
Components Hypromellose, Purified Water
% By Weight Hypromellose- qsp 100, Purified water- 5.0%
CAS# 9004-65-3, 7732-18-5
Molecular Weight Not available
Chemical Formula Not available
Synonym(s) Not available

Mixtures

| Name | CAS# | % by Weight | TLV/PEL | LC50/LD50 |
|--------------|-----------|---------------|---------------|---------------|
| Hypromellose | 9004-65-3 | Not available | Not available | Not available |
| Water | 7732-18-5 | 5.0% | Not available | Not available |

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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

Unsuitable Extinguishing Media

Not available

Products of Combustion

Not available

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°C to 25°C. 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 15°C to 25°C and a relative humidity level between 35% and 65%.

Section 8: Exposure Controls/Personal Protection

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

Section 9: Physical and Chemical Properties

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

Section 10: Stability and Reactivity

| | |
|---|--|
| Reactivity | Not available |
| Chemical Stability | Stable in normal temperature and pressure |
| Hazardous Polymerization | Not available |
| Conditions to Avoid | Avoid heat, ignitable sources and moisture |
| Incompatible Materials | Not available |
| Hazardous Decomposition Products | Not available |

Section 11: Toxicological Information

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

Potential Health Effects

Not available

Target Organ(s) Not available**Section 12: Ecological Information****Ecotoxicity**

Environmental hazards: cellulose ethyl products normally possess low toxic levels for fish

Persistence and Degradability

Not available

Bioaccumulative Potential

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

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

Not available

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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