

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product Identifier**

**Product name:** PRECISA® CREAM 1310 i (31585000US)

**Product code:** 31585000

**1.2. Intended Use Of The Product**

**Use of the substance/preparation:** Emulsifying, Gelling, Stabilizing and Thickening Agent

**1.3. Name, Address, And Telephone Of The Responsible Party**

**Operations**

4609 Richlynn Drive  
 Belcamp, MD 21017 USA  
 (800) 899-3953 / 410-273-7300

[tiegums.com](http://tiegums.com)

**1.4. Emergency telephone number**

**Emergency number:** 410-273-7308

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (GHS-US)**

Combustible Dust

**2.2. Label elements**

**Classification (GHS-US)**

**Signal word (GHS-US):**

Warning

**Hazard statements (GHS-US):**

May form combustible dust concentrations in air

**2.3. Other hazards**

No additional information available

**2.4. Unknown acute toxicity (GHS US)**

No data available

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

Name	Product identifier (CAS No.)	%
Gum Acacia	9000-01-5	Proprietary*
Carrageenan	9000-07-1	Proprietary*
Maltodextrin	9050-36-6	Proprietary*
Xanthan Gum	11138-66-2	Proprietary*
Tara Gum	39300-88-4	Proprietary*

\*The specific chemical concentration is being withheld as a trade secret

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**First-aid measures general:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**First-aid measures after inhalation:** When symptoms occur: go into open air and ventilate suspected area.

**First-aid measures after skin contact:** Rinse with plenty of water.

**First-aid measures after eye contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**First-aid measures after ingestion:** Rinse mouth. Do NOT induce vomiting.

#### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms/injuries:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Symptoms/injuries after inhalation:** Prolonged inhalation of dust may cause respiratory irritation.

**Symptoms/injuries after skin contact:** Dust may cause irritation in skin folds or by contact in combination with tight clothing.

**Symptoms/injuries after eye contact:** Dust from this product may cause minor eye irritation.

**Symptoms/injuries after ingestion:** None under normal use.

**4.3 Indication of any immediate medical attention and special treatment needed** No additional information available

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing media:** Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable extinguishing media:** Do not use a heavy water stream.

#### 5.2 Special hazards arising from the substance or mixture

**Fire hazard:** Combustible Dust. Dust explosion hazard in air. Supports combustion at high temperatures. Under conditions of fire this material may produce: Carbon dioxide. Carbon monoxide.

**Explosion hazard:** Avoid dust clouds in combination with static electricity. Dust clouds can be explosive.

**Reactivity:** Stable at ambient temperature and under normal conditions of use.

#### 5.3 Advice for firefighters

**Firefighting instructions:** Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**General measures:** Avoid generating dust. Handle in accordance with good industrial hygiene and safety practice. Good housekeeping is needed during storage, transfer, handling, and use of this material to avoid excessive dust accumulation.

##### 6.1.1. For non-emergency personnel

**Protective equipment:** Use appropriate personal protection equipment (PPE).

**Emergency procedures:** Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

**Protective equipment:** Equip cleanup crew with proper protection.

**Emergency procedures:** Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

#### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up:** Collect spillage. Avoid generation of dust during clean-up of spills. Vacuum must be fitted with HEPA filter to prevent release of particulates during clean-up. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Precautions for safe handling:** Take precautionary measures against static discharge.

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety procedures.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Keep only in the original container in a cool, well ventilated place away from: Direct sunlight. Heat sources. Keep container closed when not in use. Protect from moisture.

**Incompatible products:** Strong bases. Strong acids.

#### 7.3. Specific end use(s) Emulsifying, Gelling, Stabilizing and Thickening Agent

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Specific dusts not listed fall under Particulates Not Otherwise Regulated:

OSHA PEL (Respirable Dust): 5 mg/m<sup>3</sup>

OSHA PEL (Total Dust): 15 mg/m<sup>3</sup>

Xanthan Gum (11138-66-2)
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OSHA PEL: Total Respirable Dust: 5 mg/m <sup>3</sup>
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OSHA PEL: Respirable Dust: 15 mg/m <sup>3</sup>
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#### 8.2. Exposure controls

Appropriate engineering controls

: Provide adequate ventilation to minimize dust concentrations. Ensure all national/local regulations are observed. Proper grounding procedures to avoid static electricity should be followed.

Personal protective equipment

: Dust formation: Dust mask. Gloves. Protective goggles.



Hand protection

: Wear protective gloves.

Eye protection

: Chemical goggles or safety glasses.

Respiratory protection

: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust are expected to exceed exposure limits.

Other information

: When using, do not eat, drink or smoke.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

**Appearance**

:

**Odor**

: Odorless

**Odor threshold**

: No data available

**pH**

: No data available

**Relative evaporation rate (butyl acetate=1)**

: No data available

<b>Melting point</b>	: No data available
<b>Freezing point</b>	: No data available
<b>Boiling point</b>	: No data available
<b>Flash Point</b>	: No data available
<b>Auto-ignition temperature</b>	: No data available
<b>Decomposition Temperature</b>	: No data available
<b>Flammability (solid, gas)</b>	: No data available
<b>Vapor pressure</b>	: No data available
<b>Relative vapor density at 20 °C</b>	: No data available
<b>Relative density</b>	: No data available
<b>Solubility</b>	: No data available
<b>Log Pow</b>	: Soluble in water.
<b>Log Kow</b>	: No data available
<b>Viscosity, kinematic</b>	: No data available
<b>Viscosity, dynamic</b>	: No data available
<b>Explosive properties</b>	: No data available
<b>Oxidizing properties</b>	: No data available
<b>Explosive limits</b>	: No data available

**9.2. Other information** No additional information available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Stable at ambient temperature and under normal conditions of use.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Hazardous polymerization will not occur.

**10.4. Conditions to avoid**

Direct sunlight. Extremely high or low temperatures. Protect from moisture. Use good housekeeping practices during storage, transfer, handling, to avoid excessive dust accumulation.

**10.5. Incompatible materials**

Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

Under conditions of fire this material may produce: Carbon oxides (CO, CO<sub>2</sub>).

**SECTION 11: Toxicological information**

**11.1. Hazardous decomposition products**

Gum Acacia (9000-01-5)	
Toxicity to Animals	(LD50 - Mouse)16001 mg/kg
Carrageenan (9000-07-1)	
Toxicity to Animals	LD50 (Oral Rat) 5400 mg/kg
Maltodextrin (9050-36-6)	

Toxicity to Animals	No Data Available
Xanthan Gum (11138-66-2)	
Toxicity to Animals	Acute Oral Toxicity LD50(Rat) 45,000 mg/kg
Tara Gum (39300-88-4)	
Toxicity to Animals	no data available

**Skin corrosion/irritation:** Not classified  
**Serious eye damage/irritation:** Not classified  
**Respiratory or skin sensitization:** Not classified  
**Germ cell mutagenicity:** Not classified  
**Carcinogenicity:** Not classified

Carrageenan (9000-07-1)	
IARC group	Group 3
Maltodextrin (9050-36-6)	
IARC group	No Data Available
Tara Gum (39300-88-4)	
IARC group	no data available

**Reproductive toxicity:** Not classified  
**Specific target organ toxicity (single exposure):** Not classified  
**Specific target organ toxicity (repeated exposure):** Not classified  
**Aspiration hazard:** Not classified  
**Symptoms/injuries after inhalation:** Prolonged inhalation of dust may cause minor respiratory irritation.  
**Symptoms/injuries after skin contact:** Dust may cause minor irritation in skin folds or by contact in combination with tight clothing.  
**Symptoms/injuries after eye contact:** Dust from this product may cause minor eye irritation.  
**Symptoms/injuries after ingestion:** None under normal use.

## SECTION 12: Ecological information

**12.1. Toxicity** No additional information available

**12.2.**

31585000US	
Persistence and degradability	Not established.

31585000US	
<b>Bioaccumulative potential</b>	Not established.

**12.4. Mobility in soil** No additional information available

**12.5. Other adverse effects**

**Other information** : Avoid release to the environment.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**Waste disposal recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

### **SECTION 14: Transport information**

In accordance with ICAO/IATA/DOT/TDG

- 14.1. UN number** Not applicable
- 14.2. UN proper shipping name** Not regulated for transport.
- 14.3. Additional information**

**Other information** : No supplementary information available.

**Overland transport** Not regulated for transport.

**Transport by sea** Not regulated for transport.

**Air transport** Not regulated for transport.

### **SECTION 15: Regulatory information**

#### **15.1. US Federal regulations**

Gum Acacia (9000-01-5)
Listed on TSCA 8(b): Arabic Gum

Carrageenan (9000-07-1)
Listed on the US TSCA Inventory - Carrageenan

Maltodextrin (9050-36-6)
Listed on the US TSCA Inventory - Maltodextrin

Xanthan Gum (11138-66-2)
TSCA 8(b) inventory : Xanthan gum

Tara Gum (39300-88-4)
no data available

#### **15.2. International regulations**

Gum Acacia (9000-01-5)
Canada- WHMIS: Class D-2A Material Causing other Toxic effects (Very Toxic)

Carrageenan (9000-07-1)
No Data Available

Maltodextrin (9050-36-6)
No Data Available

Tara Gum (39300-88-4)
no data available

**15.3. US State regulations**

Carrageenan (9000-07-1)
Massachusetts - Right to Know List Pennsylvania - RTK (Right to Know) - Special Hazardous Substances Pennsylvania - RTK (Right to know) List

Maltodextrin (9050-36-6)
No Data Available

Tara Gum (39300-88-4)
no data available

**SECTION 16: Other information**

**Data sources** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**GHS Full Text Phrases:**

Comb. Dust	Combustible Dust
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