Section 1- Identification-

WD-050

Description: Cellulose from the fibrous parts plants
Supplier: Anderson Chemical Company
325 South Davis Avenue
Litchfield, MN 55355
Phone: 320-693-2477
Recommended Use: Coagulant aid
Restrictions on Use: None

Section 2- Hazard(s) Identification

Cellulosic fibers are considered a nuisance dust. Explosive dust-air mixtures can form. Material is combustible but will not readily ignite.

HMIS Rating: Health- 0; Reactivity- 0; Flammability- 1; Personal Protection- E
NFPA Rating: Health- 0; Flammability- 1; Reactivity- 0; Special- None
The material does not require registration in accordance with REACH, Annex IV and V.

Section 3- Composition/Information on Ingredients

Dietary fiber made from the fibrous parts plants
CAS Number: 9004-34-6
EC- Number (EINECS/ELINCS): Does Not Apply
Dangerous Ingredients: None

Section 4- First Aid Measures

General: When symptoms persist or if in doubt, seek immediate professional medical advice. Chronic exposure may lead to dermatitis or respiratory sensitization.

Following Inhalation: May irritate respiratory system. Persons with respiratory problems should avoid breathing dust. Use
Safety Data Sheet

NIOSH approved respiratory mask for nuisance dust. For overexposure- remove to fresh air

**Skin contact:**
For broken or sensitive skin wear protective gloves.
Wash dust from skin with soap and water.

**Eye Contact:**
May irritate eyes. Wear protective glasses or goggles.
Carefully and thoroughly flush from eyes with eye bath or water.

**Ingestion:**
First aid measures normally not required for incidental ingestion. Ingestion of larger amounts or material may result in vomiting or diarrhea. Treat symptomatically.

**Self-protection for first responders:**
None

**Section 5- Fire Fighting Measures**
Suitable Extinguishing Techniques: Apply water, foam, CO₂, Dry chemical powder
Special Firefighting Procedures: Wear self contained breathing apparatus
Chemical Hazards From Fire: Thermal decomposition may produce CO and CO₂.
Hazardous polymerization will not occur.

**Section 6- Accidental Release Measures**
Emergency Procedures: None
Protective Equipment: Skin, eye, ingestions controls (Section 4)
Method of Clean-Up: Collect mechanically avoiding excessive dust generation. Sweeping should be avoided to prevent the formation of dust clouds and static electricity discharge (ignition source).
Disposal: Dispose of in solid waste landfill in accordance with all applicable federal, state and local regulations.

**Section 7- Handling & Storage**
Handling: Material is combustible. In case of open handling, use devices with built-in aspiration where possible.
Measures to Prevent Dust Accumulation: Explosive dust/air mixtures may form. Provide sufficient ventilation. Provide local aspiration where dust is likely to occur. Accumulated dust should be immediately vacuumed.
Storage: Material is combustible. Do not store near heat or open flame.
Store in original packaging. Keep dry.
Material is stable for five years when stored under these conditions.

**Section 8- Exposure Controls**

- **NIOSH REL:** TWA 10 mg/m$^3$ (Total) TWA 5 mg/m$^3$ (resp)
- **OSHA PEL:** TWA 15 mg/m$^3$ (Total) TWA 5 mg/m$^3$ (resp)
- **Engineering Controls:** Adequate ventilation and local aspiration
- **Respiratory Protection:** NIOSH approved respiratory mask for nuisance dust
  - **Eye Protection:** Protective glasses or goggles
  - **Hand / Skin Protection:** No special hand protection required. Barrier gloves or protective clothing should be used to minimize contact with sensitive skin.

**Section 9- Physical and Chemical Properties**

- **Physical State:** Solid- Fibrous Powder
- **Color:** White to tan
- **Odor:** Neutral to slight oat
- **Thermal Decomposition:** Approximately 200°C
- **Auto-Ignition:** Approximately 500°C
- **pH:** Neutral to slightly acidic (5.0 – 7.5)
- **Melting point/melting range:** Does Not Apply
- **Boiling point / boiling range:** Does Not Apply
- **Flash Point:** Undetermined
- **Flammability:** Combustible but will not readily ignite
- **Explosion Hazard:** Explosive dust/air mixtures can form
- **Lower Explosion Limit:** Approximately 30 g/m$^3$
- **Upper Explosion Limit:** Undetermined
- **Oxidizing Characteristics:** Non-oxidizing
- **Vapor Pressure:** Does Not Apply
- **Vapor Density:** Does Not Apply
- **Density:** 100-500 grams/Liter
- **Solubility in Water:** Insoluble in water
- **Solubility in Oil:** Insoluble in oil

**Section 10- Stability and Reactivity**

- **Conditions to Avoid:** Exposure to temperatures near or above 200°C
  - Exposure to open flames
- **Materials to Avoid:** None
- **Hazardous Decomposition Products:** Thermal decomposition may produce CO and CO$_2$. 
Section 11- Toxicological Information
Acute Toxicity: No acute toxicity
Chronic Exposure: May lead to dermatitis or respiratory sensitization.
Specific Symptoms in Lab Animals: Does Not Apply
Routes of Exposure / Symptoms: Skin- may irritate sensitive skin
Eyes- may irritate eyes
Respiratory- may irritate respiratory system
Cancer, Mutagenicity, Reproductive Toxicity: Not listed as a carcinogen. No current National Toxicology Program, IARC or OSHA involvement currently recorded.
Not listed on the State of California Proposition 65 list of chemicals known to the State to cause cancer or reproductive toxicity.

Section 12- Ecological Information
Physical/Chemical Elimination: Material in insoluble in water. Remove from water mechanically.
Biodegradation: Material will not biodegrade under conditions of typical current wastewater treatment technology.
PBT, vPvBT Assessment: Material does not meet the criteria for classification as Persistent Bioaccumulative Toxic Chemical (PBT) or very Persistent very Bioaccumulative Toxic Chemical (vPvBT) under REACH regulations.
Harmful Effects: No known harmful effects. Negative ecological effects are not expected.

Section 13- Disposal Considerations
Appropriate Disposal: Dispose of in solid waste landfill in accordance with all applicable federal, state and local regulations.

Section 14- Transport Information
All Transports: No limitations, special markings not required

Section 15- Regulatory (USA)
SARA Title III Section 311 Hazard Categories (40CFR 370)- None
Safety Data Sheet

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Material does not contain any toxic chemical subject to reporting under the requirements of Section 313-
Reportable Ingredients

Toxic Substances Control Act (TSCA)
Cellulose 9004-34-6 is on TSCA List as an existing chemical in US commerce. It is not subject to TSCA
Pre-Market Notification requirements. There are no limitations on manufacture or use.

State of California Proposition 65:
Not on the list of chemicals known to the State to cause cancer or reproductive toxicity.

Section 16- Other Information

Document Information: Refer to document header