

# Safety Data Sheet

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|--|----------------|----------------------------|--|
| <b>Title: SDS Solka-Floc Powdered Cellulose<br/>SF10,SF20,SF40,SF100,SF200,SF300,SF900</b> |                |                            |  |
| Document ID:<br>17987  | Version:<br>14 | Approved By: Kaneva, Kalia | Approved Date:<br>11/11/2022 9:14:20<br>AM |

## Section 1- Identification- Solka-Floc® Powdered Cellulose

Description: Cellulose from the fibrous parts of plants

Applicable to: **Solka-Floc®** Powdered Cellulose 10 FCC, 20 FCC, 40 FCC, 60 FCC, 100 FCC, 200 FCC, 200 ORG, 300 FCC, 900 FCC, 200 ACM, 200 TG, 40 TG, IFCT 1202, 1016 FCC, BH 200 FCC

Supplier: J. Rettenmaier USA Schoolcraft, MI 49087

Phone: 269-679-2340

Recommended Use: Professional use as a food grade ingredient

Restrictions on Use: None

## Section 2- Hazard(s) Identification

GHS Pictogram: N/A

Warning: May form combustible dust concentrations in air.

Cellulosic fibers are considered a nuisance dust. 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 of plants – 100%

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 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.

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Ingestion: Carefully and thoroughly flush from eyes with eye bath or water.  
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, CO<sub>2</sub>, Dry chemical powder  
Special Firefighting Procedures: Wear self contained breathing apparatus  
Chemical Hazards From Fire: Thermal decomposition may produce CO and CO<sub>2</sub>.  
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.

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Material is stable for two – five years when stored under these conditions. See TDS for specific shelf life.

## Section 8- Exposure Controls

|                         |  |
|-------------------------|--|
| NIOSH REL:              | TWA 10 mg/m <sup>3</sup> (Total) TWA 5 mg/m <sup>3</sup> (resp)  |
| OSHA PEL:               | TWA 15 mg/m <sup>3</sup> (Total) TWA 5 mg/m <sup>3</sup> (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                                   |
| Odor:                          | Neutral                                 |
| 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 <sup>3</sup>       |
| 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                        |

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**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<sub>2</sub>.

**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 is insoluble in water. Remove from water mechanically.

Biodegradation:

Material is biodegradable.

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

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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  
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.

Canada Domestic Substance List (DSL)

Cellulose (CAS 9004-34-6) appears on the Canada  
Environmental Protection Agency Domestic Substance  
List (DSL).

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

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