

*This Safety Data Sheet was prepared to comply with Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and OSHA Hazard Communication Standard 29 CFR 1910.1200*

## SAFETY DATA SHEET

### 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Product Description: Powdered cellulose

Product grade: Solka-Floc® 100

Company/undertaking identification: Solvaira Specialties Inc.  
50 Bridge Street  
North Tonawanda, New York 14120, USA

Phone : + 716-693-4040 Fax : + 716-693-3528

Email : info@solvaira.com

Website: http://www.solvaira.com

Emergency telephone: + 716-693-4040

### 2 - HAZARDS IDENTIFICATION

This product is not classified as hazardous. Combustible dust concentrations may form under severe dusting conditions. See §5 and 7 also. Refer to the recommendations regarding the other products present on the site

### 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This product contains no hazardous substance in this category.

Other substances representing a hazard: None

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Substances with occupational exposure limits:

INDEX	CAS	EC	NAME
	9004-34-6	232-674-9	CELLULOSE

### 4 - FIRST AID MEASURES

Exposure to high concentrations of dust may result in upper respiratory tract (nose and throat) irritation. An allergic reaction may occur in some persons due to inhalation of or contact with this product. See §8 for exposure limit values. As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

In the event of inhalation, move patient to the open air. Keep warm and at rest. Medical attention may be required if breathing difficulty or persistent irritation occurs.

In the event of contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

In the event of contact with skin:

Wash the skin thoroughly with soap and water or a recognised cleaner.

In the event of ingestion:

SDS File Name: Solka-Floc® 100	Page 1 of 4
Date prepared: July 15, 2014	Supersedes: December 1, 2013
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In the event of ingestion, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

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## 5 - FIRE-FIGHTING MEASURES

The product itself is not flammable. Avoid generating dust. See §2 and 7 regarding potential dust explosion hazard from dust clouds.

Keep packages near any fire cool.

**Extinguishing media:** Water, carbon dioxide, dry chemical or foam.

**Special protective equipment for fire-fighters:**

Due to the possible toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with self-contained insulating breathing apparatus.

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## 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Consult the safety measures listed under headings 7 and 8.

**Environmental precautions:**

Dispose of waste in accordance with applicable regulations (see heading 13).

**Methods for cleaning up:**

Retrieve the product by mechanical means (sweeping/vacuuming): do not generate dust. Non-sparking tools should be used.

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## 7 - HANDLING AND STORAGE

**Handling:**

Handle in well-ventilated areas. Use good warehousing and production handling practices to limit dust generation and accumulation. Take precautions against static discharge. Avoid open flames and sources of ignition such as sparks.

**Fire prevention:**

Prevent access by unauthorised personnel. Avoid open flames and spark sources, and strong oxidizing agents.

**Recommended equipment and procedures:**

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

If product is pneumatically conveyed or pressurized in high concentration, devices to control static electricity are recommended.

**Prohibited equipment and procedures:**

Never open the packages under pressure

**Storage:**

Keep the container tightly closed in a dry place, away from ignition sources and strong oxidizing agents. Product should be stored on pallets without contact to walls, ceiling or floor. Storage areas should be well ventilated and free of strong and objectionable odors. Good warehouse and production handling practices should be followed to limit the amount of dust.

**Specific use(s):**

In common with most organic powders, under severe dusting conditions, this material may form potentially explosive mixtures in air.

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## 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per local, State and Federal regulations.

**Technical measures:**

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

If the ventilation is insufficient to maintain the concentration of dust below the exposure limits, wear appropriate breathing apparatus. It is recommended that dust-handling systems are leak-free, and designed to minimize formation of dust clouds.

**Exposure limit values:** For nuisance dust:

	<b>Other Limits</b>	<b>%</b>
SDS File Name: Solka-Floc® 100	Page 2 of 4	
Date prepared: July 15, 2014	Supersedes: December 1, 2013	
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**Identity; Common Names(s)    OSHA PEL    ACGIH TLV    Recommended    (Optional)**

Total Dust	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	---	N/A
Respirable	5 mg/m <sup>3</sup>	---	---	

**Respiratory protection:**

Use NIOSH, MSHA or other respirators, as approved for hazard.

**Ventilation:** Use in well-ventilated area with local exhaust

**Hand protection:**

In the event of prolonged or repeated contact with the hands, use of appropriate gloves is recommended.

**Eye and face protection:**

Avoid contact with eyes. Wearing contact lenses is not recommended in a dusty environment.

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**9 - PHYSICAL AND CHEMICAL PROPERTIES**

**General information:**

Physical state: Solid  
Appearance: Fibrous Creamy White Powder

**Important health, safety and environmental information:**

pH of the substance or preparation: 5.0 – 7.5  
Flash point interval: not relevant.  
Vapour pressure: not relevant.  
Density: 1.27 – 1.61 g/cc  
Water solubility: Insoluble.

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**10 - STABILITY AND REACTIVITY**

The product is stable at the handling and storage conditions recommended per § 7 of the safety data sheet. Hazardous polymerization will not occur.

**Materials to avoid:**

Keep away from strong oxidising agents.

**Hazardous decomposition products:**

Thermal decomposition may release carbon monoxide and/or carbon dioxide.

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**11 - TOXICOLOGICAL INFORMATION**

No data is available regarding the product itself.

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**12 - ECOLOGICAL INFORMATION**

No ecological data on the product itself is available.  
The product is an inert, natural substance.

**Other adverse effects:**

None known

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**13 - DISPOSAL CONSIDERATIONS**

**Waste:**

Recycle or dispose of waste in compliance with current legislation.

**Soiled packaging:**

Empty container completely. Keep label(s) on container.  
Dispose of container as solid waste (non toxic) in accordance with local regulations.

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**14 - TRANSPORT INFORMATION**

Exempt from transport classification and labelling.  
Transport product in compliance with provisions of local, State and Federal regulations.

SDS File Name: Solka-Floc® 100	Page 3 of 4
Date prepared: July 15, 2014	Supersedes: December 1, 2013
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## 15 - REGULATORY INFORMATION

This product is not classified as hazardous.

Product classification symbol:

HMIS rating:

Health: 0

Flammability: 1

Reactivity: 0

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## 16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and is not a guarantee of its properties.

The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product. The information contained herein should not be construed as permission for violation of patent rights. For additional information, please call + 716-693-4040

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SDS File Name: Solka-Floc® 100	Page 4 of 4
Date prepared: July 15, 2014	Supersedes: December 1, 2013
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