1. Identification

Product identifier
Second-cut cotton linters

Details of the supplier of the safety data sheet
Company name: Powder Technology Inc.
Street: 1300 Grey Fox Road
Place: USA-55112 Arden Hills, MN
Telephone: +1 952 894 -8737
e-mail: sales@powdertechnologyinc.com
Internet: http://www.powdertechnologyinc.com

Emergency phone number: +1 952 894 -8737

Further Information
This safety data sheet was created by: ECI EnviroConsult Ingenieurbüro Dr. Lux e.K.

2. Hazard(s) identification

Classification of the chemical
This substance is not classified as hazardous according to Regulation (EC) No. 1272/2008.

Precautionary statements
Avoid breathing.

Hazards not otherwise classified
No information available.

3. Composition/information on ingredients

Substances

4. First-aid measures

Description of first aid measures

After contact with eyes
Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion
Rinse mouth immediately and drink plenty of water.

Most important symptoms and effects, both acute and delayed
No information available.

Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

5. Fire-fighting measures

Extinguishing media
Suitable extinguishing media
Co-ordinate fire-fighting measures to the fire surroundings.

Specific hazards arising from the chemical
Non-flammable. Combustible.

Special protective equipment and precautions for fire-fighters
In case of fire: Wear self-contained breathing apparatus.
6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Provide adequate ventilation.

**Environmental precautions**
No special environmental measures are necessary. Clean contaminated objects and areas thoroughly observing environmental regulations.

**Methods and material for containment and cleaning up**
Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

**Reference to other sections**
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

7. Handling and storage

**Precautions for safe handling**

**Advice on safe handling**
If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. It is recommended to design all work processes always so that the following is excluded: inhalation. Eye contact.

**Advice on protection against fire and explosion**
The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

**Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**
Keep container tightly closed.

**Advice on storage compatibility**
No special measures are necessary.

8. Exposure controls/personal protection

**Control parameters**

**Exposure controls**

**Protective and hygiene measures**
Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

**Eye/face protection**
Wear eye/face protection. Required properties: dust proof.

**Hand protection**
Hand protection is not required

**Skin protection**
Body protection: not required.

**Respiratory protection**
In case of inadequate ventilation wear respiratory protection.
9. Physical and chemical properties

### Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>solid</td>
</tr>
<tr>
<td>Color</td>
<td>light brown</td>
</tr>
<tr>
<td>Odor</td>
<td>odourless</td>
</tr>
</tbody>
</table>

#### Test method

- pH-Value: not determined

### Changes in the physical state

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/freezing point</td>
<td>not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>not applicable</td>
</tr>
<tr>
<td>Sustaining combustion</td>
<td>Sustaining combustion</td>
</tr>
</tbody>
</table>

### Flammability

#### Solid
- not determined

#### Gas
- not applicable

### Explosive properties

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower explosion limits</td>
<td>not determined</td>
</tr>
<tr>
<td>Upper explosion limits</td>
<td>not determined</td>
</tr>
</tbody>
</table>

#### Auto-ignition temperature

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>407 °C</td>
</tr>
<tr>
<td>Gas</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

#### Decomposition temperature
- not determined

### Oxidizing properties

- Not oxidizing.

### Solubility in other solvents

- not determined

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partition coefficient</td>
<td>not determined</td>
</tr>
<tr>
<td>Vapour density</td>
<td>not determined</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>not determined</td>
</tr>
</tbody>
</table>

### Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid content</td>
<td>100</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

#### Reactivity

No hazardous reaction when handled and stored according to provisions.

#### Chemical stability

- Stability: Stable

The product is stable under storage at normal ambient temperatures.
Possibility of hazardous reactions

Hazardous reactions: May occur
Contact with flourine may lead to a violent explosion. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Conditions to avoid

none

Incompatible materials

No information available.

Hazardous decomposition products

No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Route(s) of Entry
Inhalation, Eye Contact, Ingestion

Practical experience

Other observations
Chronic inhalation of cotton dust can cause byssinosis.

12. Ecological information

Ecotoxicity
The product is not: Ecotoxic.

Persistence and degradability
The product has not been tested.

Bioaccumulative potential
The product has not been tested.

Mobility in soil
The product has not been tested.

Other adverse effects
No information available.

Further information
Avoid release to the environment.

13. Disposal considerations

Waste treatment methods

Advice on disposal
Dispose of waste according to applicable legislation.

Contaminated packaging
Wash with plenty of water. Completely emptied packages can be recycled.

14. Transport information

US DOT 49 CFR 172.101

Proper shipping name: Not a hazardous material with respect to these transport regulations.

Marine transport (IMDG)

UN number: No dangerous good in sense of this transport regulation.

UN proper shipping name: No dangerous good in sense of this transport regulation.
## Transportation

**Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**Packing group:** No dangerous good in sense of this transport regulation.

### Air transport (ICAO)

**UN number:** No dangerous good in sense of this transport regulation.

**UN proper shipping name:** No dangerous good in sense of this transport regulation.

**Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**Packing group:** No dangerous good in sense of this transport regulation.

## Environmental Hazards

**ENVIRONMENTALLY HAZARDOUS:** no

## Special Precautions for User

No information available.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not applicable

## Regulatory Information

### U.S. Regulations

**National Inventory TSCA**

This product does not contain hazardous materials listed in the TSCA.

**State Regulations**

**Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

## Other Information

**Hazardous Materials Information Label (HMIS)**

- Health: 1
- Flammability: 1
- Physical Hazard: 0

**NFPA Hazard Ratings**

- Health: 1
- Flammability: 1
- Reactivity: 0
- Unique Hazard: 0

**Revision date:** 18.10.2016

**Revision No:** 1.00

### Abbreviations and acronyms

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service
- LC50: Lethal concentration, 50%
- LD50: Lethal dose, 50%
Safety Data Sheet

according to 29 CFR 1910.1200(g)

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Other data

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.