SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

<table>
<thead>
<tr>
<th>Product name:</th>
<th>StarPak</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended use:</td>
<td></td>
</tr>
<tr>
<td>Company details:</td>
<td>Chemstar Products Company</td>
</tr>
<tr>
<td>Address:</td>
<td>3232 East 40th Street, Minneapolis, MN, 55406-3203, US.</td>
</tr>
<tr>
<td>Telephone number:</td>
<td>(612) 722-0079</td>
</tr>
<tr>
<td>Emergency telephone number:</td>
<td>ChemTrek 800-424-9300</td>
</tr>
<tr>
<td>Date of preparation:</td>
<td>2 Jan 2018</td>
</tr>
</tbody>
</table>

SECTION 2: HAZARDS IDENTIFICATION

| Hazard classifications: | Non-hazardous               |
| Priority and secondary identifiers: | Non-hazardous               |
| Risk and safety phrases: | Respiratory tract irritant | Irritant (eyes) |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical characterization: | Modified polysaccharide       |
| Product components:        | Product components            |

<table>
<thead>
<tr>
<th>Name</th>
<th>Cas</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modified Starch</td>
<td>9063-38-1</td>
<td>100%</td>
</tr>
<tr>
<td>None</td>
<td>NR</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

| Necessary first aid measures: | Inhalation: Exposure via inhalation is not likely. If inhaled, remove to fresh air. |
|                              | Skin: Wash skin with soap and water. |
|                              | Eyes: Flush eyes with water for 15 minutes, seek medical attention. |
|                              | Ingestion: If swallowed, dilute by drinking large quantities of water, seek medical attention. |
|                              | Chronic exposure: No data |
|                              | Carcinogenicity: Not a likely carcinogen |

| Workplace facilities: | No special facilities required. |
| Required instructions: | Observe good work practices to minimize skin contact. Wash hands and exposed skin after use. Do not eat or drink while using. |
| Notes for medical personnel: | Apply symptomatic therapy. |

SECTION 5: FIRE FIGHTING MEASURES

| Type of hazard: |                             |
| Fire hazard properties: |                             |
| Regulatory requirements: |                             |
| Extinguishing media and methods: | Water, CO2, dry powder or foam |
SAFETY DATA SHEET

Hazchem code:
Recommended protective clothing: When fighting a major fire, wear full protective clothing including breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES
Emergency procedures: Sweep up and flush area with water.
Caution: Wet floors may be slippery when material is present. Avoid production of dust.

SECTION 7: HANDLING AND STORAGE
Precautions for safe handling: Avoid practices which produce dust. Store away from heat, flame and spark source.
Regulatory requirements: N/A
Handling practices: N/A
Approved handlers: Not required
Conditions for safe storage: Store away from heat, flame and spark source
Store site requirements: Packaging:

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION
Workplace exposure standards: Prevent exposure by using engineering controls, personal protective equipment, and proper work practices. Avoid the creation of dust
Application in the workplace:
Exposure standards outside the workplace: TEL and EELs are not set at this time
Engineering controls: Ventilation as needed to control dust
Personal protection:
Dust respirator (NIOSH/MSHA TC-21C-132) as needed.
Eye protection
Protective gloves
References: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
Specify product data:
Physical State: Solid
Solubility in water: complete
pH (4% sol): 9.0 - 10.5
Density (Lb./Cu. Ft.): 30 - 45
Appearance: off white powder
Required specifications: N/A
Further specifications: N/A
Specific advice: N/A

SECTION 10: STABILITY AND REACTIVITY
Stability of the substance: Stable under normal conditions of use and storage
### Conditions to avoid:
Dust-air mixtures may be explosive. The minimum ignition temperature reported through a 200 mesh sieve is 380 degrees C (716 degrees F). The minimum explosive concentration of a duct cloud is 0.04 oz / Cu Ft. Avoid open lights, flames, welding and spark producing sources. Damp or wet conditions will lead to spoilage.

### Material to avoid:
Strong oxidizing agents

### Hazardous decomposition products:
Oxides of carbon

### Hazardous polymerization:
Will not occur

### Specific data:
Flammable Limits:
- LEL: N/A
- UEL: N/A
- Flashpoint: N/A

---

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Data and interpretation:
This material is not manufactured to contain any hazardous components. In eyes or respiratory systems it may cause irritation if heavy concentrations are encountered.

#### Summaries data:
- Inhalation: May cause irritation to respiratory system
- Skin: None known
- Ingestion: Not edible

---

### SECTION 12: ENVIRONMENTAL INFORMATION

#### Potential environmental interactions:

#### Data organisation:

#### Environmental risk and safety phrases:

---

### SECTION 13: DISPOSAL CONSIDERATIONS

#### Disposal information:
Dispose of in a manner which is in accordance with state and local regulations.

---

### SECTION 14: TRANSPORT INFORMATION

#### Relevant information:
See local and state regulations

#### Other requirements:

---

### SECTION 15: REGULATORY INFORMATION

#### Regulatory status:

#### HSNO and ACVM controls:

#### List exposure limits:

---

### SECTION 16: OTHER INFORMATION

#### Additional information:
none