SAFETY DATA SHEET

DrilStar EW

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product name: DrilStar EW
Recommended use: 
Company details: Chemstar Products Company
Address: 3232 East 40th Street, Minneapolis, MN, 55406-3203, US.
Telephone number: (612) 722-0079
Emergency telephone number: ChemTrek 800-424-9300
Date of preparation: 2 Jan 2018

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 polysaccharide</td>
<td>9005-25-8</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
### Hazchem code:

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

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<table>
<thead>
<tr>
<th>Emergency procedures:</th>
<th>Sweep up and flush area with water.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Caution: Wet floors may be slippery when material is present. Avoid production of dust.</td>
</tr>
</tbody>
</table>

### SECTION 7: HANDLING AND STORAGE

<table>
<thead>
<tr>
<th>Precautions for safe handling:</th>
<th>Avoid practices which produce dust. Store away from heat, flame and spark source.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory requirements:</td>
<td>N/A</td>
</tr>
<tr>
<td>Handling practices:</td>
<td>N/A</td>
</tr>
<tr>
<td>Approved handlers:</td>
<td>Not required</td>
</tr>
<tr>
<td>Conditions for safe storage:</td>
<td>Store away from heat, flame and spark source</td>
</tr>
<tr>
<td>Store site requirements:</td>
<td></td>
</tr>
<tr>
<td>Packaging:</td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

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

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Specify product data:</th>
<th>Physical State: Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solubility in water: appreciable</td>
</tr>
<tr>
<td></td>
<td>pH (4% sol): 7.0 - 10.0</td>
</tr>
<tr>
<td></td>
<td>Density (Lb./Cu. Ft.): 30 - 45</td>
</tr>
<tr>
<td></td>
<td>Appearance: course yellow powder</td>
</tr>
<tr>
<td>Required specifications:</td>
<td>N/A</td>
</tr>
<tr>
<td>Further specifications:</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific advice:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### SECTION 10: STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Stability of the substance:</th>
<th>Stable under normal conditions of use and storage</th>
</tr>
</thead>
</table>
**SAFETY DATA SHEET**

**DrilStar EW**

### 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

**Format:**

---

### 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