I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CM Starch
Identity: Sodium Carboxymethyl Starch
CAS Number: 9063-38-1
HTS #: 3505.10.0040
HMIS: Health: 1, Flammability: 1, Reactivity: 0, Personal Protection: B

Supplier:
NOV FluidControl
4310 N. Sam Houston Parkway E
Houston, TX 77032
Office: (713) 482-0500
Fax: (713) 482-0695
Company website: www.nov.com

Emergency Telephone Number:
CHEMTREC: 1-800-424-9300 or International +1-703-527-3887

II. HAZARDOUS INGREDIENTS

None

III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>NA</td>
</tr>
<tr>
<td>Appearance</td>
<td>Off white powder</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>&gt;1.0</td>
</tr>
<tr>
<td>% Volatile by Volume</td>
<td>&lt;15% (water)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>NA</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>100%</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>NA</td>
</tr>
</tbody>
</table>

IV. FIRE & EXPLOSION HAZARD DATA

Flash Point: NA
Extinguishing Media: Water, CO₂

Special Procedures: Good Housekeeping is the best preventative, excessive dust is potentially explosive.
Unusual Fire & Explosion Hazards: Avoid excessive dust, open flames open lights or welding in area of dry product

V. REACTIVITY DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Incompatibility</td>
<td>Strong Oxidizing Agents</td>
</tr>
<tr>
<td>Hazardous Decomposition of by products</td>
<td>None Known</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur</td>
</tr>
</tbody>
</table>
VI. HEALTH HAZARD DATA

Routes of Entry: Ingestion: NO, Inhalation: YES, Dermal: NO

Effects of Overexposure:
Inhalation of dust or eye contact may result in irritation and some discomfort. Breathing of dust could cause lung irritation.

Emergency and First Aid Procedures:
- Skin: Wash exposed area with soap and water
- Eyes: Flush immediately with water
- Ingestion: Drink plenty of fluids, if irritation persists, see a physician
- Inhalation: Remove to fresh air

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Spilled product is non-hazardous. Sweep and dispose of material in accordance with Federal, State and Local regulations.

VIII. SECTION VIII: CONTROL MEASURES

- Respiratory Protection: Use of a NIOSH approved Dust Mask is recommended
- Ventilation: Local exhaust ventilation is recommended for control of dust
- Protective Gloves: Plastic or rubber suggested
- Eye Protective: Use of goggles is suggested
- Other Protective Clothing or Equipment: Eye wash station should be available
- Work/Hygienic Practices: Good Housekeeping

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