

**Safety Data Sheet**

30-1766

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

**Section 1: Identification****Product Name** HYDROXYETHYL CELLULOSE NF (4500-6500 CPS)**Commercial Name** Hydroxyethyl Cellulose**Product Use** Not available**Restrictions On Use** Not available**Product Code** 30-1766**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300****Section 2: Hazard(s) Identification****OSHA Haz Com:** Combustible Dust  
**CFR 1910.1200****Signal Word** WARNING**Hazard Statement(s)** May form combustible dust concentrations in air.**Pictogram(s) or Symbol(s)****Precautionary Statement(s):**

|                   |                |
|-------------------|----------------|
| <b>Prevention</b> | Not available  |
| <b>Response</b>   | Not available  |
| <b>Storage</b>    | Not available. |
| <b>Disposal</b>   | Not available  |

**Section 3: Composition/Information on Ingredients**

|                          |   |
|--------------------------|---|
| <b>Substance/Mixture</b> | Substance   |
| <b>Components</b>        | {2-} Hydroxethyl cellulose                              |
| <b>% By Weight</b>       | 100   |
| <b>CAS#</b>              | 9004-62-0   |
| <b>Molecular Weight</b>  | Not available.  |
| <b>Chemical Formula</b>  | POLYMER   |
| <b>Synonym(s)</b>        | Cellulose, 2-Hydroxyethyl Ether; Hydroxyethyl Cellulose |

**Mixtures**

| <b>Name</b>                | <b>CAS#</b> | <b>% by Weight</b> | <b>TLV/PEL</b> | <b>LC50/LD50</b>                             |
|----------------------------|-------------|--------------------|----------------|--|
| {2-}Hydroxyethyl cellulose | 9004-62-0   | 100                | Not available. | LD50: Not available.<br>LC50: Not available. |

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**Section 4: First-Aid Measures**

|                                    |  |
|------------------------------------|--|
| <b>Inhalation</b>                  | If breathed in, move person into fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician. |
| <b>Skin Contact</b>                | First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.                           |
| <b>Eye Contact</b>                 | Remove contact lenses. Protect unharmed eye.   |
| <b>Ingestion</b>                   | Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.                 |
| <b>Symptoms/Effects</b>            |  |
| <b>Acute</b>                       | Not available  |
| <b>Delayed</b>                     | Not available  |
| <b>Immediate Medical Attention</b> | Not available.   |

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray Foam

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

Carbon dioxide (CO<sub>2</sub>) Carbon monoxide Oxides of phosphorus Sodium oxides

**Firefighters Special Equipment and Precautions**

In the event of fire, wear self-contained breathing apparatus. Product is compatible with standard fire-fighting agents.

**Section 6: Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures: Avoid dust formation. Avoid breathing dust. Material can create slippery conditions. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Environmental precautions: Prevent further leakage or spillage if safe to do so. Methods and materials for containment and cleaning up: Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. Other information: Comply with all applicable federal, state, and local regulations.

**Section 7: Handling and Storage**

Handling: Take measures to prevent the build up of electrostatic charge. Provide appropriate exhaust ventilation at places where dust is formed. Avoid dust formation. Ensure all equipment is electrically grounded and bonded before beginning transfer operations. The material can accumulate static charge and can therefore cause electrical ignition of flammable atmospheres. Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Maintain good housekeeping. Do not permit dust layers to accumulate, for example, on floors, ledges, and equipment, in order to avoid any potential for dust explosion hazards. Storage: No smoking.

**Section 8: Exposure Controls/Personal Protection**

|                             |  |
|-----------------------------|--|
| <b>Exposure Limits</b>      | Not available.   |
| <b>Engineering Controls</b> | Provide appropriate exhaust ventilation at places where dust is formed. General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects. |

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**Personal Protection**

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter within the capabilities of the respirator/filter combination. Where concentrations are above recommended limits or are unknown, or a cartridge type respirator is not adequate, wear a positive-pressure supplied-air respirator. Hand protection: Material : butyl-rubber Break through time : 480 min Glove thickness : > 0.5 mm Remarks : The exact break through time can be obtained from the protective glove producer and this has to be observed. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Eye protection : Safety glasses Skin and body protection : Wear as appropriate: Safety shoes Wear resistant gloves (consult your safety equipment supplier). Hygiene measures : Avoid breathing dust.

**Section 9: Physical and Chemical Properties**

|   |   |  |                     |
|---|---|--|---------------------|
| <b>Appearance</b>                                 | light cream, white dry, free flowing granules. Solid. |  |                     |
| <b>Odor</b>                                       | Odorless  |  |                     |
| <b>Odor Threshold</b>                             | Not available   |  |                     |
| <b>Melting Point</b>                              | 140°C (284°F)   | <b>pH</b>                                | 6.0 - 8.5           |
| <b>Freezing Point</b>                             | Not available   | <b>Vapor Pressure</b>                    | Not applicable.     |
| <b>Boiling Point/Range</b>                        | Not available.  | <b>Vapor Density</b>                     | Not available.      |
| <b>Decomposition temperature</b>                  | Not available   | <b>Viscosity</b>                         | 5,400 - 6,500 mPa.s |
| <b>Partition Coefficient:<br/>n-octanol/water</b> | Not available   | <b>Evaporation Rate</b>                  | Not available       |
| <b>Flash Point</b>                                | Not available.  | <b>Autoignition temperature</b>          | 460 °C              |
| <b>Flammability</b>                               | Not available   | <b>Flammability or Explosive Limits:</b> |                     |
|   |   | <b>Lower</b>                             | 30,000 mg/m3        |
|   |   | <b>Upper</b>                             | Not available       |
| <b>Solubility(ies)</b>                            | completely soluble in water.                          |  |                     |
| <b>Other</b>                                      | Minimum ignition energy: > 10 mJ Burning number: 5    |  |                     |

**Section 10: Stability and Reactivity**

|   |  |
|---|--|
| <b>Reactivity</b>                       | No decomposition if stored and applied as directed.  |
| <b>Chemical Stability</b>               | Stable under recommended storage conditions.   |
| <b>Hazardous Polymerization</b>         | Dust may form explosive mixture in air.  |
| <b>Conditions to Avoid</b>              | Keep away from heat, flame, sparks and other ignition sources. UV light. Exposure to sunlight. Exposure to moisture. |
| <b>Incompatible Materials</b>           | Acids. Bases. Oxidizing agents. strong bases.  |
| <b>Hazardous Decomposition Products</b> | Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Oxides of phosphorus. Sodium oxides.                             |

**Section 11: Toxicological Information**

|  |  |
|--|--|
| <b>RTECS</b>                             | FJ5958000  |
| <b>Acute Toxicity</b>                    | Not available. Unlikely to cause eye irritation or injury., Product dust may be irritating to eyes, skin and respiratory system. |
| <b>Skin Corrosion/Irritation</b>         | Not available.   |
| <b>Serious Eye Damage/Irritation</b>     | Not available  |
| <b>Respiratory or Skin Sensitization</b> | Not available  |
| <b>Germ Cell Mutagenicity</b>            | Not available  |
| <b>Carcinogenicity</b>                   | Not available  |
| <b>Reproductive Toxicity</b>             | Not available  |
| <b>Routes of Entry</b>                   | Inhalation. Ingestion. Skin. Eye.  |

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**Symptoms Related to Exposure**

Not available

**Potential Health Effects**

Not available.

**Target Organ(s)**

Not available

**Section 12: Ecological Information****Ecotoxicity**

Not available.

**Persistence and Degradability**

Not readily biodegradable. Biodegradation: 0 % Exposure time: 28 d

**Bioaccumulative Potential**

Not available

**Mobility in Soil**

Not available

**Other Adverse Effects**

Not available

**Section 13: Disposal Considerations****Waste Disposal**

Dispose of in accordance with all applicable local, state and federal regulations.

**Disposal of Container**

Empty remaining contents.

**Other Considerations**

Not available

**Section 14: Transport Information****DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

**Section 15: Regulatory Information****Regulations**

No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements. EPCRA - Emergency Planning and Community Right-to-Know Act CERCLA Reportable Quantity Components CAS-No. Component RQ (lbs) Calculated product RQ (lbs) Disodium phosphate 7558-79-4 5000 \* \*: Calculated RQ exceeds reasonably attainable upper limit. SARA 304 Extremely Hazardous Substances Reportable Quantity This material does not contain any components with a section 304 EHS RQ. SARA 311/312 Hazards : Combustible Dust SARA 302 : This material does not contain any components with a section 302 EHS TPQ. SARA 313 This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. Pennsylvania Right To Know HYDROXYETHYL CELLULOSE 9004-62-0 New Jersey Right To Know HYDROXYETHYL CELLULOSE 9004-62-0 Sodium dihydrogen phosphate 7558-80-7 Disodium phosphate 7558-79-4 California Prop. 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Other**

WHMIS Not controlled under WHMIS (Canada). (Canada);DSCL (EEC) R36- Irritating to eyes.;Lab coat.;Splash goggles.

**Section 16: Other Information**

Not available.