# Material Safety Data Sheet

## 1. Product and Company Identification

<table>
<thead>
<tr>
<th>Material Name</th>
<th>Outpak Slurry Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision Date</td>
<td>28-January-2013</td>
</tr>
<tr>
<td>Chemical Description</td>
<td>Super Absorbent Polymer</td>
</tr>
<tr>
<td>CAS #</td>
<td>Mixture</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Outpak Washout System® P.O. Box 190738 Boise, Idaho 83719 Toll free: (888) 994-9971 <a href="http://www.outpak.com">www.outpak.com</a></td>
</tr>
</tbody>
</table>

## 2. Hazards Identification

**Emergency Overview**

Health injuries are not known or expected under normal use. OSHA regulatory status this product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

**Potential Health Effects**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eyes</strong></td>
<td>Resin particles, like other inert materials, are mechanically irritating to eyes.</td>
</tr>
<tr>
<td><strong>Skin</strong></td>
<td>Health injuries are not known or expected under normal use. Not expected to be a primary skin irritant.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>Health injuries are not known or expected under normal use. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>Health injuries are not known or expected under normal use. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.</td>
</tr>
</tbody>
</table>

## 3. Composition Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

**Composition Comments**

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

## 4. First Aid Measures

**First Aid Procedures**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye</strong></td>
<td>Contact Flush eyes with water as a precaution. Get medical attention if irritation develops or persists.</td>
</tr>
<tr>
<td><strong>Skin</strong></td>
<td>Contact Wash off with soap and water. Get medical attention if irritation develops or persists.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. Call a physician if symptoms develop or persist.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>No need for first aid is anticipated if material is swallowed. Give several glasses of water. If ingestion of a large amount does occur, seek medical attention.</td>
</tr>
<tr>
<td><strong>General Advice</strong></td>
<td>If you feel unwell, seek medical advice (show the label where possible).</td>
</tr>
</tbody>
</table>
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5. Fire Fighting Measures
   Flammable Properties: None known.
   Extinguishing Media: Suitable Extinguishing Media: Dry chemical, CO2, water spray or regular foam.
   Fire Fighting Equipment Instructions: Not available.

6. Accidental Release Measures
   Environmental Precautions: Prevent further leakage or spillage if safe to do so.
   Methods for Containment: Stop leak if you can do so without risk.
   Methods for Cleaning Up: Collect spill using a vacuum cleaner with a HEPA filter. Avoid the generation of dusts during clean up. The very fine particles can cause a fire or explosion; eliminate all ignition sources. Put material in suitable, covered, labeled containers.

7. Handling and Storage
   Handling: Handle and open container with care. Keep formation of airborne dusts to a minimum.
   Storage: Store in a cool place in original container and protect from sunlight. Keep the container dry.

8. Exposure Controls / Personal Protection
   Occupational Exposure Limits
   ACGIH
   Byproducts
   INERT OR NUISANCE DUST (SEQ250)
     Type: TWA
     Value: 3.0000 mg/m³
     Form: Respirable particles.
     Value: 10.0000 mg/m³
     Form: Inhalable particles.
   U.S. - OSHA
   Byproducts
   INERT OR NUISANCE DUST (SEQ250)
     Type: PEL
     Value: 5.0000 mg/m³
     Form: Respirable fraction.
     Value: 15.0000 mg/m³
     Form: Total dust.
     Type: TWA
     Value: 5.0000 mg/m³
     Form: Respirable fraction.
     Value: 15.0000 mg/m³
     Form: Total dust.
     Value: 50.0000 mppcf
     Form: Total dust.
     Value: 15.0000 mppcf
     Form: Respirable fraction.

   Personal Protective Equipment
   Eye / Face Protection: Not normally needed.
   Skin Protection: Not normally needed.
   Respiratory Protection: No personal respiratory protective equipment normally required. Use a particulate filter respirator for particulate concentrations exceeding the Occupational Exposure Limit.
   General Hygiene Considerations: Use good industrial hygiene practices in handling this material.

9. Physical & Chemical Properties
   Color: White.
   Odor: None.
   Odor Threshold: Not available.
   Physical State: Solid

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Form Not available.

pH 5.5 - 6.5

Melting Point/Freezing Point >390°F (>198.9°C)

Boiling Point Not available.

Flash Point Not available.

Evaporation Rate < 1

Flammability Limits in Air, Not available.

Upper, % by Volume

Flammability Limits in Air, Not available.

Lower, % by Volume

Vapor Pressure < 10 mm Hg

Vapor Density Not available.

Specific Gravity 0.4 - 0.7

Relative Density Not available.

Solubility (water) Not available.

Partition Coefficient Not available.

(n-octanol/water) Not available.

Auto-Ignition Temperature Not available.

Decomposition Temperature Not available.

VOC 0 % estimated

Bulk Density 0.4 - 0.7 g/cm³

10. Chemical Stability & Reactivity information

Chemical Stability Stable at normal conditions.

Conditions to Avoid None known.

Incompatible Materials Strong oxidizing agents.

Hazardous Decomposition At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

Products

Possibility of Hazardous Will not occur.

Reactions

11. Toxicological information

Local Effects Dust may irritate respiratory system or lungs. Overexposure to dusts may result in pneumoconiosis, a lung disease due to permanent deposition of substantial amounts of particulate matter in the lungs.

Chronic Effects

12. Ecological information

Ecotoxicity This product is not expected to produce significant Ecotoxicity upon exposure to aquatic organisms and aquatic systems.

Environmental Effects Polycrlylate absorbents are relatively inert in aerobic and anaerobic conditions. They are immobile in landfills and soil systems (>90% retention), with the mobile fraction showing biodegradability.

Persistence and Degradability Not available.

13. Disposal Considerations

Disposal Instructions Dispose in accordance with all applicable regulations, unused material is suitable for disposal in landfill. Disposal for used material is based on nature of liquid absorbed. Must comply with all local, state, and federal environmental regulations when disposing of this product.
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14. Transport Information
DOT

Not regulated as dangerous goods.

15. Regulatory Information
US Federal Regulations

OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.

CERCLA (Superfund)
Reportable Quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

<table>
<thead>
<tr>
<th>Hazard Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate Hazard - Yes</td>
</tr>
<tr>
<td>Delayed Hazard - No Fire</td>
</tr>
<tr>
<td>Hazard - No Pressure</td>
</tr>
<tr>
<td>Hazard - No Reactivity</td>
</tr>
<tr>
<td>Hazard - No</td>
</tr>
</tbody>
</table>

Section 302 Extremely Hazardous Substance

No

Section 311 Hazardous Chemical

No

Inventory Status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory Name</th>
<th>On Inv(y/n)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>No</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances</td>
<td>No</td>
</tr>
<tr>
<td>PICCS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

** "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State Regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

Further Information

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

HMIS Ratings

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazards</td>
<td>0</td>
</tr>
</tbody>
</table>

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NFPA Ratings

0

1 0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It’s the user’s responsibility to verify the suitability and completeness of such information for each particular use.

Third party materials: insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Issue Date

20-September-2010

This Data Sheet Contains

Product and Company Identification: Alternate Trade Names
Composition / information on Ingredients: Potential Version in compounds formed

Changes From the Previous Section(s):

First Aid Measures: Eye contact
First Aid Measures: Skin contact
First Aid Measures: Inhalation
Exposure Controls / Personal Protection: Eye / face protection
Physical & Chemical Properties: Color
Toxicological Information: Local effects
Toxicological Information: Chronic effects
Toxicological information: Further information
Ecological information: Ecotoxicity
Ecological Information: Environmental effects