1. Product and Company Identification

Material Name: Outpak Slurry Solution
Revision Date: 28-January-2013
Chemical Description: Super Absorbent Polymer
CAS#: Mixture
Manufacturer: Outpak Washout System®
P.O. Box 190738
Boise, ID 83719
(208) 376-6967
www.outpak.com

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

- **Eyes**: Resin particles, like other inert materials, are mechanically irritating to eyes.
- **Skin**: Health injuries are not known or expected under normal use. Not expected to be a primary skin irritant.
- **Inhalation**: Health injuries are not known or expected under normal use. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.
- **Ingestion**: Health injuries are not known or expected under normal use. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea and diarrhea.

3. Composition Information on Ingredients

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

4. First Aid Measures

First Aid Procedures

- **Eye**: Contact Flush eyes with water as a precaution. Get medical attention if irritation develops or persists.
- **Skin**: Contact Wash off with soap and water. Get medical attention if irritation develops or persists.
- **Inhalation**: Dust irritates the respiratory system and may cause coughing and difficulties in breathing. Call a physician if symptoms develop or persist.
Ingestion
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.

General Advice
If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures
Flammable Properties
None known.

Extinguishing Media
Suitable Extinguishing Media
Dry chemical, CO2, water spray or regular foam.

Fire Fighting Media
Not available.

6. Accidental Release Measures
Environmental Precautions
Prevent further leakage or spillage if safe to do so.

Methods of 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

<table>
<thead>
<tr>
<th>ACGIH Byproducts</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>INERT OR NUISANCE DUST (SEQ250)</td>
<td>TWA</td>
<td>3.0000 mg/m³</td>
<td>Respirable particles.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10.0000 mg/m³</td>
<td>Inhalable particles.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>U.S. – OSHA</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>INERT OR NUISANCE DUST (SEQ250)</td>
<td>PEL</td>
<td>5.0000 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15.0000 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>5.0000 mg/m³</td>
<td>Respirable fraction.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15.0000 mg/m³</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50.0000 mppcf</td>
<td>Total dust.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15.0000 mppcf</td>
<td>Respirable fraction.</td>
</tr>
</tbody>
</table>
9. Physical & Chemical Properties

- **Appearance**: Powder, Granular.
- **Color**: White.
- **Odor**: None.
- **Odor Threshold**: Not available.
- **Physical State**: Solid.
- **Form**: Not available.
- **pH**: 5.5 – 6.6
- **Melting Point/Freezing Point**: >390°F (>198.9°C)
- **Boiling Point**: Not available.
- **Flash Point**: Not available.
- **Evaporation Rate**: < 1
- **Flammability Limits in Air, Upper, % by volume**: Not available.
- **Flammability Limits in Air, Lower, % by volume**: Not available.
- **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 (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 Products**: At thermal decomposition temperatures, carbon monoxide and carbon dioxide.
- **Possibility of Hazardous Reactions**: Will not occur.

11. Toxicology Information

- **Local Effects**: Dust may irritate respiratory system or lungs.
- **Chronic Effects**: Overexposure to dusts may result in pneumoconiosis, a lung disease due to permanent deposition of substantial amounts of particulate matter in the lungs.
12. Ecological Information
   Ecotoxicity
   This product is not expected to produce significant Ecotoxicity upon exposure to aquatic organisms and aquatic systems.

   Environmental Effects
   Polyacrylate 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.

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)
   None

   Reportable Quantity
   None

   Superfund Amendments and Reauthorization Act of 1986 (SARA)
   Hazard Categories
   Immediate Hazard – Yes
   Delayed Hazard – No Fire
   Hazard – No Pressure
   Hazard – No Reactivity
   Hazard – No

   Section 302 Extremely
   No

   Hazardous Substance
   No

   Section 311 Hazardous
   No

   Chemical
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 (NDSSL)</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>
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<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCDS)</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 (PICCS)</td>
<td>No</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

Health: 1  
Flammability: 0  
Physical Hazards: 0

NFPA Ratings

0  
1 0

Disclaimer

The information provided in the 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 found

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