



Slurry Solution - Material Safety Data Sheet

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 injures 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.



Slurry Solution - Material Safety Data Sheet

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 Equipment Instruction	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

ACGIH

Byproducts	Type	Value	Form
INERT OR NUISANCE DUST (SEQ250)	TWA	3.0000mg/m3	Respirable particles.
		10.0000 mg/m3	Inhalable particles.

U.S. – OSHA

Byproducts	Type	Value	Form
INERT OR NUISANCE DUST (SEQ250)	PEL	5.0000mg/m3	Respirable fraction.
		15.0000mg/m3	Total dust.
	TWA	5.0000mg/m3	Respirable fraction.
		15.0000mg/m3	Total dust.
		50.0000 mppcf	Total dust.
		15.0000 mppcf	Respirable fraction.



Slurry Solution - Material Safety Data Sheet

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/cm ³

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.



Slurry Solution - Material Safety Data Sheet

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.
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14. Transport Information

DOT	Not regulated as dangerous goods.
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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) Hazard Categories	Immediate Hazard – Yes Delayed Hazard – No Fire Hazard – No Pressure Hazard – No Reactivity Hazard – No Hazard – No
Section 302 Extremely Hazardous Substance	No
Section 311 Hazardous Chemical	No



Slurry Solution - Material Safety Data Sheet

Inventory Status

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

*"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 believe 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.



Slurry Solution - Material Safety Data Sheet

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
Changes From the Previous
Section(s):**

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

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