



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, Idaho 83719 Toll free: (888) 994-9971 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.

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

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).



Material Safety Data Sheet

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 Notavailable.

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

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

U.S. - OSHA

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

Appearance Powder. Granular.

Color White.

Odor None.

Odor Threshold Notavailable.

Physical State Solid



Material Safety Data Sheet

Form	Notavailable.
pH	5.5 - 6.5
Melting Point/Freezing Point	> 390 °F (> 198.9 °C)
Boiling Point	Notavailable.
Flash Point	Not available.
Evaporation Rate	< 1
Flammability Limits in Air, Upper, % by Volume	Notavailable.
Flammability Limits in Air, Lower, % by Volume	Notavailable.
Vapor Pressure	< 10 mm Hg
Vapor Density	Notavailable.
Specific Gravity	0.4 - 0.7
Relative Density	Notavailable.
Solubility (water)	Notavailable.
Partition Coefficient (n-octanol/water)	Notavailable.
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. Toxicological 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.
------------------------------	---



Material Safety Data Sheet

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

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 Hazardous Substance **No**

Section 311 Hazardous Chemical **No**

Section 311 Hazardous Chemical **No**

Section 311 Hazardous Chemical **No**

Inventory Status

<u>Country(s) or region</u>	<u>Inventory name</u>	<u>On Inv (y/n)</u>
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 (PICCS)	Philippine Inventory of Chemicals and Chemical Substances	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



Material Safety Data Sheet

NFPA Ratings

1 0
 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 Changes From the Previous Section(s):

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

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