1. Identification

Product Identifier: BRANDT ONSITE

Other means of identification

Product code: None

Recommended use: Deposition aid, drift control agent

Recommended restrictions: Not for aquatic use

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name: Brandt Consolidated, Inc.
Address: 2935 South Koke Mill Road
Springfield, IL 62711
United States

Telephone: Corporate Office 1-217-547-5800

Website: www.brandt.co

E-mail: msds@brandt.co

Contact Person: EH&S / Regulatory Department

Emergency phone number: Not available

CHEMTREC (24 hours):
USA, Canada, Puerto Rico: 1-800-424-3900
Virgin Islands: 1-800-424-3900
International Maritime: +1 (703) 527-3887

2. Hazard(s) identification

Physical hazards: Not classified.

Health hazards: Causes eye irritation Category 2B
Causes mild skin irritation Category 3
Harmful if swallowed Category 4
Harmful if inhaled Category 4

OSHA defined hazards: Not classified.

Label elements

Signal word: Warning

Hazard statement: Harmful if swallowed. Causes mild skin irritation. Causes eye irritation. May be harmful if inhaled.
Precautionary Statements:

Prevention
Use only outdoors or in a well-ventilated area. Avoid breathing mist or vapor. Wash thoroughly after handling. Do not eat, drink, or smoke when using this product.

Response
If swallowed: Call a poison center/doctor if you feel unwell. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. Rinse mouth. If eye irritation persists: Get medical advice/attention.

Storage
Store in a cool, dry location in the original container. Keep container tightly closed. Store locked up.

Disposal
Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)
None known.

Supplemental information
None

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Common name and synonyms</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary blend of polyacrylamide polymers and formulation aids</td>
<td>N/A</td>
<td>100*</td>
<td></td>
</tr>
</tbody>
</table>

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation
Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact
Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes. Continue rinsing. Remove contact lenses, if present and easy to do. If eye irritation persists: Get medical advice/attention.

Ingestion
Rinse mouth. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you fill unwell.

Most important symptoms/effects, acute and delayed
Mild irritation to respiratory tract if exposed to spray or mist.

Indication of immediate medical attention and special treatment needed
Provide general supportive measure and treat symptomatically. Keep victim warm. In case of shortness of breath, give oxygen. Keep victim under observation. Symptoms may be delayed.

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
5. Fire-fighting measures

### Suitable extinguishing media
Water spray, dry chemical, foam or carbon dioxide (CO₂)

### Unsuitable extinguishing media
None known

### Specific hazards arising from the chemical
None known

### Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### Fire-fighting equipment/instructions
Move containers from fire area if you can do so without risk

### Specific methods
Move container from fire area if it can be done without risk.

### General fire hazards
No unusual fire or explosion hazards noted.

6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures
Keep out of low areas. Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of SDS.

### Methods and materials for containment and cleaning up
Stop the flow of material, if this is without risk.

- **Large Spills:** Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

- **Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS.

### Environmental precautions
Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

### Precautions for safe handling
Do not taste or swallow. Avoid breathing mist or vapor. Avoid contact with eyes. Provide adequate ventilation. Wear appropriate personal protective equipment. When using, do not eat, drink or smoke. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains.

### Conditions for safe storage, including any incompatibilities
Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).
8. Exposure controls/personal protection

Occupational exposure limits
No exposure limits noted for ingredient(s).

Biological limit values
No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls
Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear eye/face protection. Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection
For prolonged or repeated skin contact use suitable protective gloves.

Other
Wear suitable protective clothing.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards
Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations
When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance
Aqueous solution

Physical state
Liquid

Form
Liquid, viscous

Color
Clear

Odor
Mild

Odor threshold
Not available.

pH
6 – 7

Salt-Out / Crystallization Temp
Not determined.

Melting point/freezing point
Not determined.

Initial boiling point and boiling range
Not determined.

Flashpoint
> 212°F

Evaporation rate
Not available.

Flammability (solid, gas)
Not available.

Upper/lower flammability or explosive limits
Flammability limit – lower (%) Not available.
Flammability limit – upper (%) Not available.
Explosive limit – lower (%) Not available.
Explosive limit – upper (%) Not available.

Vapor pressure
Not determined.

Vapor density
Not determined.

Relative density
Not determined.

Solubility(ies)

Solubility (water) 100 %

Partition coefficient (n-octanol/water)
Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: Not available.
Other information:
- Density: 1.0 g/cm³
- Percent volatile: Not determined.
- pH in aqueous solution: 6 – 7 (100 % solution)
- Pounds per gallon: 8.3
- Shelf life: Not determined.

<table>
<thead>
<tr>
<th>10. Stability and reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
</tr>
<tr>
<td>Chemical stability</td>
</tr>
<tr>
<td>Possibility of hazardous reactions</td>
</tr>
<tr>
<td>Conditions to avoid</td>
</tr>
<tr>
<td>Incompatible materials</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11. Toxicological information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information on likely routes of exposure</td>
</tr>
<tr>
<td>Ingestion</td>
</tr>
<tr>
<td>Inhalation</td>
</tr>
<tr>
<td>Skin contact</td>
</tr>
<tr>
<td>Eye contact</td>
</tr>
<tr>
<td>Symptoms related to the physical, chemical and toxicological characteristics</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Information on toxicological effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brandt OnSite (CAS Mixture)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>&gt;34,600 mg/kg</td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>&gt;2000 mg/kg</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Product is normally non-irritating.</td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Product is normally non-irritating.</td>
<td></td>
</tr>
</tbody>
</table>
| **Material name:** Brandt® OnSite  
**SDS US**  
**Version # 01**  
**Revision date:** 04-08-2015  
**Issue date:** 04-08-2015 |
|---|
| **Respiratory or skin sensitization**  
**Respiratory sensitization** Not available.  
**Skin sensitization** Not available.  
**Germ cell mutagenicity** No data available to indicate product is mutagenic or genotoxic.  
**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |
| **OSHA Specifically Regulated Substances (29 CFR 1910, 1001-1050)**  
Not listed. |
| **Reproductive toxicity** Not available.  
**Specific target organ toxicity – single exposure** Mild gastrointestinal irritation is possible.  
**Specific target organ toxicity – repeated exposure** Not available.  
**Aspiration hazard** Not available. |
| **12. Ecological information** |
| **Ecotoxicity** Not available.  
**Persistence and degradability** No data is available on the degradability of this product.  
**Bioaccumulative potential** Not available.  
**Mobility in soil** Not available.  
**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product. |
| **13. Disposal considerations** |
| **Disposal instructions** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.  
**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal Instructions).  
**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. |
| **14. Transportation information** |
| **DOT** Not regulated as dangerous goods. |
### 15. Regulatory information

**US federal regulations**

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA Section 12(b) Export Notification (40 CFR 707, Suppt. D)</td>
<td>Not regulated.</td>
</tr>
<tr>
<td>CERCLA Hazardous Substance List (40 CFR 302.4)</td>
<td>Not listed.</td>
</tr>
<tr>
<td>SARA 304 Emergency release notification</td>
<td>Not regulated.</td>
</tr>
</tbody>
</table>

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<table>
<thead>
<tr>
<th>Hazard categories</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Delayed Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactivity Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical**

No

**SARA 313 (TRI reporting)**

No

**Other federal regulations**

- **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**
  - Not regulated.

- **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**
  - Not regulated.

- **Safe Drinking Water Act (SDWA)**
  - Not regulated.

**US state regulations**

- **US, California Proposition 65**
  - This product contains no chemicals known to the state of California to cause cancer or reproductive toxicity
## 16. Other Information, including date of preparation or last revision

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue date</td>
<td>04-10-2015</td>
</tr>
<tr>
<td>Revision date</td>
<td>04-08-2015</td>
</tr>
<tr>
<td>Version #</td>
<td>01</td>
</tr>
<tr>
<td>Disclaimer</td>
<td>While the information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or information set forth, or that the products, or information may be used without infringing the intellectual property rights of others. In no case shall the information provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the information furnished by our company hereunder are given gratis and assume no obligation or liability for the information given or results obtained, all such being given and accepted at your risk.</td>
</tr>
<tr>
<td>Revision information</td>
<td>Initial SDS</td>
</tr>
</tbody>
</table>