

# SAFETY DATA SHEET

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## 1. Identification

**Product identifier** Power Pumice 4.75oz #5 Grey Bulk Pk 100

**Other means of identification** 760433

**Recommended use** Cleansing product

**Recommended restrictions** None known.

### Manufacturer/Importer/Supplier/Distributor information

**Company name** The Original Bradford Soap Works, Inc.

**Address** 200 Providence Street  
West Warwick, RI 02893

**Telephone** 401-821-2141

**E-mail** draymond@bradfordsoap.com / pyoung@bradfordsoap.com

**Contact person** Dave Raymond / Philip Young

**Emergency phone number** 401-821-2141

## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Not classified.

**OSHA defined hazards** Not classified.

### Label elements

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** The mixture does not meet the criteria for classification.

### Precautionary statement

**Prevention** Observe good industrial hygiene practices.

**Response** Wash hands after handling.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of waste and residues in accordance with local authority requirements.

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

### Supplemental information

Not applicable.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name                              | CAS number                  | %       |
|--------------------------------------------|-----------------------------|---------|
| Sodium tallowate                           | 8052-48-0                   | 60 - 70 |
| Sodium palm kernelate OR<br>Sodium cocoate | 61789-31-9 OR<br>61789-89-7 | 10 - 20 |
| Water                                      | 7732-18-5                   | 10 - 20 |
| Glycerin                                   | 56-81-5                     | 5 - 10  |
| Pentasodium pentetate                      | 140-01-2                    | < 1     |
| Sodium chloride                            | 7647-14-5                   | < 1     |
| Tetrasodium etidronate                     | 3794-83-0                   | < 1     |

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. First-aid measures

|                                                                        |                                                                                                                        |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Inhalation                                                             | Dust: Move to fresh air. Call a physician if symptoms develop or persist. Solid: No specific first aid measures noted. |
| Skin contact                                                           | Wash off with soap and water. Get medical attention if irritation develops and persists.                               |
| Eye contact                                                            | Rinse with water. Get medical attention if irritation develops and persists.                                           |
| Ingestion                                                              | Rinse mouth. Get medical attention if symptoms occur.                                                                  |
| Most important symptoms/effects, acute and delayed                     | Direct contact with eyes may cause temporary irritation.                                                               |
| Indication of immediate medical attention and special treatment needed | Treat symptomatically.                                                                                                 |
| General information                                                    | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.       |

#### 5. Fire-fighting measures

|                                                               |                                                                                               |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Suitable extinguishing media                                  | Carbon dioxide, dry chemical or water.                                                        |
| Unsuitable extinguishing media                                | None.                                                                                         |
| 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                          | Use water spray to cool unopened containers.                                                  |
| Specific methods                                              | Use standard firefighting procedures and consider the hazards of other involved materials.    |

#### 6. Accidental release measures

|                                                                     |                                                                                                                                                                           |
|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling this product. |
| Methods and materials for containment and cleaning up               | Sweep up and place into a proper container for disposal. Small quantities may be flushed to drains with plenty of water. Solid material: Pick up mechanically.            |
| Environmental precautions                                           | No special environmental precautions required.                                                                                                                            |

#### 7. Handling and storage

|                                                              |                                                                      |
|--------------------------------------------------------------|----------------------------------------------------------------------|
| Precautions for safe handling                                | Observe good industrial hygiene practices. Wash hands after contact. |
| Conditions for safe storage, including any incompatibilities | Keep away from moisture.                                             |

#### 8. Exposure controls/personal protection

##### Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components             | Type | Value                                       | Form                                |
|------------------------|------|---------------------------------------------|-------------------------------------|
| Glycerin (CAS 56-81-5) | PEL  | 5 mg/m <sup>3</sup><br>15 mg/m <sup>3</sup> | Respirable fraction.<br>Total dust. |

|                                                                       |                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Biological limit values                                               | No biological exposure limits noted for the ingredient(s).                                                                                                                                                                                                                                                                                                                                    |
| Appropriate engineering controls                                      | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. |
| Individual protection measures, such as personal protective equipment |                                                                                                                                                                                                                                                                                                                                                                                               |
| Eye/face protection                                                   | Wear safety glasses with side shields (or goggles).                                                                                                                                                                                                                                                                                                                                           |
| Skin protection                                                       |                                                                                                                                                                                                                                                                                                                                                                                               |
| Hand protection                                                       | Gloves are not required.                                                                                                                                                                                                                                                                                                                                                                      |
| Other                                                                 | Wear appropriate chemical resistant clothing.                                                                                                                                                                                                                                                                                                                                                 |

|                                       |                                                                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory protection</b>         | Wear a NIOSH-approved (or equivalent) respirator as needed.                                                                             |
| <b>Thermal hazards</b>                | Not applicable.                                                                                                                         |
| <b>General hygiene considerations</b> | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. |

## 9. Physical and chemical properties

### Appearance

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| <b>Physical state</b> | Solid.                                              |
| <b>Form</b>           | Powder. Solid (flake). Solid bars. Pellets. Noodle. |
| <b>Color</b>          | White to off-white.                                 |

**Odor** Characteristic.

**Odor threshold** Not available.

**pH** 9.5 - 10.5

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** Not available.

**Flash point** Not applicable.

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** Not applicable.

**Flammability limit - upper (%)** Not applicable.

**Vapor pressure** Not available.

**Vapor density** Not available.

**Relative density** 1.04 @ 25°C

### Solubility(ies)

**Solubility (water)** 100 % Completely soluble

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** Not applicable.

**Decomposition temperature** Not available.

**Viscosity** Not applicable.

### Other information

**Flammability** Not applicable.

## 10. Stability and reactivity

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** Stable.

**Possibility of hazardous reactions** Hazardous polymerization will not occur.

**Conditions to avoid** None.

**Incompatible materials** None.

**Hazardous decomposition products** None.

## 11. Toxicological information

### Information on likely routes of exposure

**Ingestion** May cause discomfort if swallowed.

**Inhalation** Inhalation of dusts may cause respiratory irritation. Solid bars: No adverse effects due to inhalation are expected.

**Skin contact** Prolonged skin contact may cause temporary irritation.

|                                                                              |                                                                                                                           |              |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------|
| Eye contact                                                                  | Direct contact with eyes may cause temporary irritation.                                                                  |              |
| Symptoms related to the physical, chemical and toxicological characteristics | Direct contact with eyes may cause temporary irritation. Exposure may cause temporary irritation, redness, or discomfort. |              |
| Information on toxicological effects                                         |                                                                                                                           |              |
| Acute toxicity                                                               |                                                                                                                           |              |
| Components                                                                   | Species                                                                                                                   | Test Results |
| Sodium chloride (CAS 7647-14-5)                                              |                                                                                                                           |              |
| Acute                                                                        |                                                                                                                           |              |
| Oral                                                                         |                                                                                                                           |              |
| LD50                                                                         | Mouse                                                                                                                     | 4000 mg/kg   |
|                                                                              | Rat                                                                                                                       | 3000 mg/kg   |
| Other                                                                        |                                                                                                                           |              |
| LD50                                                                         | Mouse                                                                                                                     | 2602 mg/kg   |
| Skin corrosion/irritation                                                    | Prolonged skin contact may cause temporary irritation.                                                                    |              |
| Serious eye damage/eye irritation                                            | Direct contact with eyes may cause temporary irritation.                                                                  |              |
| Respiratory or skin sensitization                                            |                                                                                                                           |              |
| Respiratory sensitization                                                    | Not classified.                                                                                                           |              |
| Skin sensitization                                                           | This product is not expected to cause skin sensitization.                                                                 |              |
| Germ cell mutagenicity                                                       | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.          |              |
| Carcinogenicity                                                              | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                           |              |
| Reproductive toxicity                                                        | This product is not expected to cause reproductive or developmental effects.                                              |              |
| Specific target organ toxicity - single exposure                             | Not classified.                                                                                                           |              |
| Specific target organ toxicity - repeated exposure                           | Not classified.                                                                                                           |              |
| Aspiration hazard                                                            | Due to the physical form of the product it is not an aspiration hazard.                                                   |              |
| Further information                                                          | None known.                                                                                                               |              |

## 12. Ecological information

|                                                   |                                                                                                                                                                                                    |                                      |                              |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------|
| Ecotoxicity                                       | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |                                      |                              |
| Components                                        | Species                                                                                                                                                                                            |                                      | Test Results                 |
| Pentasodium pentetate (CAS 140-01-2)              |                                                                                                                                                                                                    |                                      |                              |
| Aquatic                                           |                                                                                                                                                                                                    |                                      |                              |
| Fish                                              | LC50                                                                                                                                                                                               | Bluegill (Lepomis macrochirus)       | 1005 - 1250 mg/l, 96 hours   |
| Sodium chloride (CAS 7647-14-5)                   |                                                                                                                                                                                                    |                                      |                              |
| Aquatic                                           |                                                                                                                                                                                                    |                                      |                              |
| Crustacea                                         | EC50                                                                                                                                                                                               | Water flea (Daphnia magna)           | 340.7 - 469.2 mg/l, 48 hours |
| Fish                                              | LC50                                                                                                                                                                                               | Fathead minnow (Pimephales promelas) | 6020 - 7070 mg/l, 96 hours   |
| Persistence and degradability                     | No data is available on the degradability of this product.                                                                                                                                         |                                      |                              |
| Bioaccumulative potential                         | No data available for this product.                                                                                                                                                                |                                      |                              |
| Partition coefficient n-octanol / water (log Kow) |                                                                                                                                                                                                    |                                      |                              |
| Glycerin (CAS 56-81-5)                            | -1.76                                                                                                                                                                                              |                                      |                              |
| Mobility in soil                                  | The product is soluble in water.                                                                                                                                                                   |                                      |                              |
| Other adverse effects                             | None known.                                                                                                                                                                                        |                                      |                              |

## 13. Disposal considerations

|                                   |                                                                                      |
|-----------------------------------|--------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>      | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. |
| <b>Local disposal regulations</b> | Dispose in accordance with all applicable regulations.                               |

|                                              |                                                                                                                                                                                                                  |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                   |
| <b>Waste from residues / unused products</b> | 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). |
| <b>Contaminated packaging</b>                | 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. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## 15. Regulatory information

**US federal regulations** This product is not hazardous according to OSHA 29CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

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

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** No

### SARA 313 (TRI reporting)

Not regulated.

### 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. Massachusetts RTK - Substance List

Glycerin (CAS 56-81-5)

#### US. New Jersey Worker and Community Right-to-Know Act

Glycerin (CAS 56-81-5)

#### US. Pennsylvania Worker and Community Right-to-Know Law

Glycerin (CAS 56-81-5)

#### US. Rhode Island RTK

Not regulated.

**US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Not listed.

**International Inventories**

| Country(s) or region        | Inventory name                                | On inventory (yes/no)* |
|-----------------------------|-----------------------------------------------|------------------------|
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes                    |

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

**Issue date** 04-June-2014

**Revision date** -

**Version #** 01

**Disclaimer** The information in the sheet was written based on the best knowledge and experience currently available.