1. Product and Company Identification

**Product Name**: DIP-IT® Food & Beverage Stain Cleaner (Powder)

**CAS #**: Mixture

**Product use**: Cleaner

**Distributed by**: Reckitt Benckiser
Morris Corporate Center IV
399 Interpace Parkway
P.O. Box 225
Parsippany, NJ 07054-0225

**In Case of Emergency**: 1-800-338-6167

**Transportation Emergencies**: 24 Hour Number:
North America: CHEMTREC: 1-800-424-9300
Outside North America: 1-703-527-3887

### LEGEND

**HMIS/NFPA**

| Severe | 4 |
| Serious | 3 |
| Moderate | 2 |
| Slight | 1 |
| Minimal | 0 |

### Health

| * | 2 |

### Flammability

| 0 |

### Physical Hazard

| 0 |

### Personal Protection

| A |

2. Hazards Identification

**Emergency overview**

CAUTION
HARMFUL IF SWALLOWED.
EYE IRRITANT. May be irritating to skin.
DO NOT ingest.
DO NOT get in eyes. Avoid contact with skin. Wash hands after handling.

KEEP OUT OF REACH OF CHILDREN.

**Potential short term health effects**

**Routes of exposure**

Eye, Skin contact, Inhalation, Ingestion.

**Eyes**

Severely irritating to eyes. Risk of serious damage to eyes.

**Skin**

May cause skin irritation.

**Inhalation**

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

**Ingestion**

Harmful if swallowed.

**Target organs**

Eyes. Respiratory system. Skin.

**Chronic effects**

The finished product is not expected to have chronic health effects.

**Signs and symptoms**

Severe eye irritation. Moderate skin irritation.

**OSHA Regulatory Status**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Potential environmental effects**

See section 12.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>20 - 40</td>
</tr>
<tr>
<td>Sodium perborate monohydrate</td>
<td>10332-33-9</td>
<td>20 - 40</td>
</tr>
<tr>
<td>Sodium Tetraborate</td>
<td>1303-96-4</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Disodium octaborate tetrahydrate</td>
<td>12280-03-4</td>
<td>10 - 20</td>
</tr>
<tr>
<td>Silicic acid, sodium salt</td>
<td>1344-09-8</td>
<td>10 - 20</td>
</tr>
</tbody>
</table>
4. First Aid Measures

First aid procedures

Eye contact
If in eyes, IMMEDIATELY rinse eyes thoroughly with water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation persists get medical attention.

Skin contact
If on skin, wash area with soap and water. If irritation occurs, get medical attention.

Inhalation
Remove to fresh air.

Ingestion
If swallowed, DO NOT induce vomiting. Immediately rinse mouth with water. If person is conscious and alert give a glass of water. Call a physician or Poison Control Center.

Notes to physician
Contains sodium perborate, sodium carbonate, and sodium silicate.

General advice
If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties
Not flammable by OSHA criteria.

Extinguishing media
Suitable extinguishing media
Dry chemical.

Unsuitable extinguishing media
Do not use water jet.

Protection of firefighters
Specific hazards arising from the chemical
Not available

Protective equipment for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
May include and are not limited to: Oxides of carbon. Oxides of sulphur. Some metallic oxides.

Explosion data
Sensitivity to mechanical impact
Not available

Sensitivity to static discharge
Not available

6. Accidental Release Measures

Personal precautions
Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Environmental precautions
Do not discharge into lakes, streams, ponds or public waters. Inform the relevant authorities if the product has caused environmental pollution.

Methods for containment
Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

7. Handling and Storage

Handling
Ensure adequate ventilation.
Use good industrial hygiene practices in handling this material.
When using do not eat or drink.
Wash hands before breaks and immediately after handling the product.
Do not ingest.
DO NOT get in eyes.
Avoid contact with skin and clothing.
Avoid breathing dust.
Minimize dust generation and accumulation.
Do not reuse this container.

Storage
Keep out of reach of children.
Store in original container in a cool, secure area inaccessible to children and pets.
Store in a well-ventilated, dry area away from incompatible materials.
8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disodium octaborate tetrahydrate</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 10 mg/m3</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Silicic acid, sodium salt</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Sodium perborate monohydrate</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Sodium Tetraborate</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 2 mg/m3</td>
</tr>
<tr>
<td></td>
<td>STEL: 6 mg/m3</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
</tbody>
</table>

Engineering controls

General ventilation normally adequate.

Personal protective equipment

<table>
<thead>
<tr>
<th>Eye / face protection</th>
<th>If splashing is likely to occur or for occupational exposures, wear appropriate eye protection. Emergency responders should wear full eye and face protection.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand protection</td>
<td>Wear appropriate chemical resistant gloves. Emergency responders should wear impermeable gloves.</td>
</tr>
<tr>
<td>Skin and body protection</td>
<td>As required by employer code.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>Not normally required under normal use conditions. Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.</td>
</tr>
<tr>
<td>General hygiene considerations</td>
<td>Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.</td>
</tr>
</tbody>
</table>

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Free-flowing</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
<tr>
<td>Form</td>
<td>Powder</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>pH</td>
<td>9.4 - 9.8 (10% solution)</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Pour point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
</tbody>
</table>
## 10. Stability and Reactivity

**Reactivity**
This product may react with strong oxidizing agents.

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

**Chemical stability**
Stable under recommended storage conditions.

**Conditions to avoid**
Do not mix with other chemicals.
Keep from freezing.
Keep away from extreme heat.
Exposure to moisture.

**Incompatible materials**
Acids. Oxidizers.

**Hazardous decomposition products**
May include and are not limited to: Oxides of carbon. Oxides of sulphur.

## 11. Toxicological Information

### Component analysis - LC50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disodium octaborate tetrahydrate</td>
<td>Not available</td>
</tr>
<tr>
<td>Silicic acid, sodium salt</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>400 mg/m3 guinea pig</td>
</tr>
<tr>
<td>Sodium perborate monohydrate</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium Tetraborate</td>
<td>Not available</td>
</tr>
</tbody>
</table>

### Component analysis - Oral LD50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disodium octaborate tetrahydrate</td>
<td>2500 mg/kg rat</td>
</tr>
<tr>
<td>Silicic acid, sodium salt</td>
<td>1153 mg/kg rat</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>4090 mg/kg rat</td>
</tr>
<tr>
<td>Sodium perborate monohydrate</td>
<td>780 mg/kg rat; 1060 mg/kg mouse</td>
</tr>
<tr>
<td>Sodium Tetraborate</td>
<td>2660 mg/kg rat; 5330 mg/kg guinea pig</td>
</tr>
</tbody>
</table>

**Effects of acute exposure**

- **Eye**
  - Severely irritating to eyes. Risk of serious damage to eyes.
- **Skin**
  - May cause skin irritation.
- **Inhalation**
  - Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
- **Ingestion**
  - Harmful if swallowed.

**Sensitization**
The finished product is not expected to have chronic health effects.

**Chronic effects**
The finished product is not expected to have chronic health effects.

**Carcinogenicity**
The finished product is not expected to have chronic health effects.

**ACGIH - Threshold Limit Values - Carcinogens**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>TLV</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Tetraborate</td>
<td>1303-96-4</td>
<td>A4 - Not Classifiable as a Human Carcinogen (listed under Borate compounds, inorganic)</td>
</tr>
</tbody>
</table>

**Mutagenicity**
The finished product is not expected to have chronic health effects.

**Reproductive effects**
The finished product is not expected to have chronic health effects.

**Teratogenicity**
The finished product is not expected to have chronic health effects.
12. Ecological Information

Ecotoxicity - Freshwater Algae - Acute Toxicity Data
- Sodium carbonate 497-19-8: 120 Hr EC50 Nitzschia: 242 mg/L

Ecotoxicity - Freshwater Fish - Acute Toxicity Data
- Silicic acid, sodium salt 1344-09-8: 96 Hr LC50 Lepomis macrochirus: 301-478 mg/L; 96 Hr LC50 Brachydanio rerio: 3185 mg/L [semi-static]
- Sodium carbonate 497-19-8: 96 Hr LC50 Lepomis macrochirus: 300 mg/L [static]; 96 Hr LC50 Pimephales promelas: 310 - 1220 mg/L [static]

Ecotoxicity - Water Flea - Acute Toxicity Data
- Silicic acid, sodium salt 1344-09-8: 96 Hr EC50 Daphnia magna: 216 mg/L
- Sodium carbonate 497-19-8: 48 Hr EC50 Daphnia magna: 265 mg/L

Persistence / degradability: Not available
Bioaccumulation / accumulation: Not available
Mobility in environmental media: Not available
Aquatic toxicity: Not available
Partition coefficient: Not available
Chemical fate information: Not available

13. Disposal Considerations

Disposal instructions: Dispose in accordance with all applicable regulations.
Waste from residues / unused products: Not available
Contaminated packaging: Not available

14. Transport Information

U.S. Department of Transportation (DOT)
- UN 1759, Corrosive solids, N.O.S. (Sodium silicate), Class 8, PG II, Limited Quantity
Transportation of Dangerous Goods (TDG - Canada)

UN 1759, CORROSIVE SOLID, N.O.S. (Sodium silicate),
Class 8, PG II, Limited Quantity

IMDG (Marine Transport)

UN 1759, Corrosive Solid, N.O.S. (Sodium silicate),
Class 8, PG II, Limited Quantity

IATA/ICAO (Air)

UN 1759, Corrosive Solid, N.O.S. (Sodium silicate),
Class 8, PG II

15. Regulatory Information

<table>
<thead>
<tr>
<th>Occupational Safety and Health Administration (OSHA)</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>29 CFR 1910.1200 hazardous chemical</td>
<td></td>
</tr>
<tr>
<td>US Federal regulations</td>
<td></td>
</tr>
<tr>
<td>This product is a &quot;Hazardous Chemical&quot; as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.</td>
<td></td>
</tr>
<tr>
<td>Product Registration: Product is compliant with CPSC regulatory guidelines; a specific registration is not required for this product.</td>
<td></td>
</tr>
</tbody>
</table>

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

Section 302 extremely hazardous substance
- No

Section 311 hazardous chemical
- Yes

Clean Air Act (CAA)
- Not available

Clean Water Act (CWA)
- Not available

State regulations
- This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances
- Sodium Tetraborate 1303-96-4 Present (exempt except when present as free crystal/powder, listed under Borates, tetra, sodium salts)

U.S. - Illinois - Toxic Air Contaminants
- Sodium Tetraborate 1303-96-4 Present (listed under Sodium borate)

U.S. - Massachusetts - Right To Know List
- Sodium Tetraborate 1303-96-4 Present

U.S. - Minnesota - Hazardous Substance List
- Sodium Tetraborate 1303-96-4 Present

U.S. - New Jersey - Right to Know Hazardous Substance List
- Sodium Tetraborate 1303-96-4 Sn 0241 (listed under Sodium borates)

U.S. - Pennsylvania - RTK (Right to Know) List
- Sodium Tetraborate 1303-96-4 Present

U.S. - Rhode Island - Hazardous Substance List
- Sodium Tetraborate 1303-96-4 Toxic

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

16. Other Information

Disclaimer
- This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Further information
- DIP-IT® Food & Beverage Stain Cleaner (Powder) - 376466v3.0

Issue date
- 02-Aug-2012

Effective date
- 01-Aug-2012

Prepared by
- Reckitt Benckiser Regulatory Department 800-333-3899

Other information
- For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.