1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>FINISH® Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPC CODES</td>
<td>Refer to section 16</td>
</tr>
<tr>
<td>CAS #</td>
<td>Mixture</td>
</tr>
<tr>
<td>Product Use</td>
<td>Dishwasher detergent</td>
</tr>
<tr>
<td>Distributed by</td>
<td>Reckitt Benckiser (Canada) Inc.</td>
</tr>
<tr>
<td></td>
<td>1680 Tech Avenue Unit #2</td>
</tr>
<tr>
<td></td>
<td>Mississauga, ON L4W 5S9</td>
</tr>
<tr>
<td></td>
<td>In Case of Emergency: 1-800-888-0192</td>
</tr>
<tr>
<td></td>
<td>Transportation Emergencies: 24 Hour Number:</td>
</tr>
<tr>
<td></td>
<td>North America: CHEMTREC: 1-800-424-9300</td>
</tr>
<tr>
<td></td>
<td>Outside North America: 1-703-527-3887</td>
</tr>
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```
LEGEND
HMIS/NFPA

<table>
<thead>
<tr>
<th></th>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
<tr>
<td>Serious</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Moderate</td>
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<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Slight</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Minimal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>
```

2. Hazards Identification

**Emergency Overview**

CAUTION

MAY IRRITATE EYES.

DO NOT get in eyes.

Keep out of reach of children.

**Potential short term health effects**

**Routes of exposure**

Eye, Skin contact, Inhalation, Ingestion.

**Eyes**

Irritating to eyes.

**Skin**

None expected during normal conditions of use.

Not expected to be a skin sensitizer.

**Inhalation**

May cause mild nasal irritation upon prolonged or repeated contact to the dust in occupational or emergency response situation.

**Ingestion**

Harmful if swallowed. Ingestion could cause irritation of the mouth and throat. Will cause burning in mouth and throat. Difficulty swallowing, excessive salivating in infants. Reddening and swelling of mucous membranes of mouth and throat.

**Target organs**

Skin. Eyes.

**Chronic effects**

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

**Signs and symptoms**

Symptoms may include redness, oedema, drying, defatting and cracking of the skin.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subtilisin carlsburg Sodium</td>
<td>9014-01-1</td>
<td>&lt; 0.01</td>
</tr>
<tr>
<td>Sodium percarbonate Silicic acid, sodium salt</td>
<td>15630-89-4</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>1344-09-8</td>
<td>1 - 5</td>
</tr>
<tr>
<td></td>
<td>497-19-8</td>
<td>30 - 60</td>
</tr>
</tbody>
</table>
4. First Aid Measures

First aid procedures

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

Skin contact
Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

Inhalation
Move to fresh air.

Ingestion
If swallowed, rinse mouth and drink a glass of water. Do not induce vomiting. Call a physician or Poison Control Centre.

Notes to physician
Contains Sodium Carbonate, Sodium Carbonate Peroxhydrate and enzymes. Treat patient symptomatically.

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 WHMIS criteria.

Extinguishing media

Suitable extinguishing media
Treat for surrounding material.

Unsuitable extinguishing media
Not available

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.

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.

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
Avoid contact with eyes.
Do not ingest.
Use good industrial hygiene practices in handling this material.
When using do not eat or drink.

Storage
Keep out of reach of children.
Store in a closed container away from incompatible materials.
Keep container tightly closed in a dry and well-ventilated place.
Keep in properly labelled containers.
8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure limit values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicic acid, sodium salt</td>
<td>ACGIH-TLV</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>Sodium percarbonate</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Subtilisin carlsburg</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Ceiling: 0.0001 mg/m³</td>
</tr>
</tbody>
</table>

**Engineering controls**
General ventilation normally adequate.

**Personal protective equipment**

- **Eye/Face protection**
  Wear safety glasses with side shields.
  Emergency responders should wear full eye and face protection.

- **Hand protection**
  Rubber gloves. Confirm with a reputable supplier first.
  Emergency responders should wear impermeable gloves.

- **Skin and body protection**
  Usual safety precautions while handling the product will provide adequate protection against injury or irritation.
  Follow label directions carefully.
  Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

- **Respiratory protection**
  Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
  Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.

**General hygiene considerations**
Handle in accordance with good industrial hygiene and safety practice.
When using do not eat or drink.
Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. Physical and Chemical Properties

- **Appearance**
  Powder

- **Colour**
  White / Blue

- **Form**
  Solid

- **Odour**
  Perfume

- **Odour threshold**
  Not available

- **Physical state**
  Solid

- **pH**
  10.8 ± 0.2 (10%)

- **Freezing point**
  Not available

- **Boiling point**
  Not available

- **Pour point**
  Not available

- **Flash point**
  Product does not flash

- **Evaporation Rate**
  Not available

- **Flammability limits in air, lower, % by volume**
  Not applicable

- **Flammability Limits in Air, Upper, % by Volume**
  Not applicable

- **Vapour pressure**
  Not available

- **Vapour density**
  Not available

- **Specific gravity**
  1.2

- **Octanol/water coefficient**
  Not available

- **Auto-ignition temperature**
  Not available
10. Stability and Reactivity

Chemical stability
Stable under recommended storage conditions.

Conditions to avoid
Do not mix with other chemicals. Do not mix with chlorine bleach.

Incompatible materials
Oxidizers.

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

Possibility of hazardous reactions
Hazardous polymerisation does not occur.

11. Toxicological Information

Component analysis - LC50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<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 percarbonate</td>
<td>Not available</td>
</tr>
<tr>
<td>Subtilisin carlsburg</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>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 percarbonate</td>
<td>2200 mg/kg mouse; 1034 mg/kg rat</td>
</tr>
<tr>
<td>Subtilisin carlsburg</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Effects of acute exposure

Eye
Irritating to eyes.

Skin
None expected during normal conditions of use.
Not expected to be a skin sensitizer.

Inhalation
May cause mild nasal irritation upon prolonged or repeated contact to the dust in occupational or emergency response situation.

Ingestion
Harmful if swallowed. Ingestion could cause irritation of the mouth and throat. Difficulty swallowing, excessive salivating in infants. Reddening and swelling of mucous membranes of mouth and throat.

Sensitisation
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.

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.

Synergistic Materials
Not available

12. Ecological Information

Ecotoxicity - Freshwater Algae Data
Sodium carbonate 497-19-8 120 Hr EC50 Nitzschia: 242 mg/L
Sodium percarbonate 15630-89-4 240 Hr EC50 Chlorella emersonii: 70 mg/L

Ecotoxicity - Freshwater Fish Species 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]
Sodium percarbonate 15630-89-4 96 Hr LC50 Pimephales promelas: 70.7 mg/L [static]

Ecotoxicity - Water Flea 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
Sodium percarbonate 15630-89-4 48 Hr EC50 Daphnia pulex: 4.9 mg/L

Environmental effects
Not available
<table>
<thead>
<tr>
<th>Property</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Aquatic toxicity</td>
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</tr>
<tr>
<td>Persistence and degradability</td>
<td></td>
</tr>
<tr>
<td>Bioaccumulation/accumulation</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td></td>
</tr>
<tr>
<td>Mobility in environmental media</td>
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</tr>
<tr>
<td>Chemical fate information</td>
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</tr>
<tr>
<td>Other adverse effects</td>
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</table>

### 13. Disposal Considerations

<table>
<thead>
<tr>
<th>Waste codes</th>
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<tbody>
<tr>
<td>Disposal instructions</td>
<td>Dispose in accordance with all applicable regulations.</td>
</tr>
<tr>
<td>Waste from residues / unused products</td>
<td>Not available</td>
</tr>
<tr>
<td>Contaminated packaging</td>
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### 14. Transport Information

<table>
<thead>
<tr>
<th>UN/ID N.o.</th>
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<tbody>
<tr>
<td>U.S. Department of Transportation (DOT): Classification:</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Proper shipping name</td>
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</tr>
<tr>
<td>U.S. DOT Hazard Class</td>
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<tr>
<td>Subsidiary Risk</td>
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<tr>
<td>Packing group</td>
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<tr>
<td>DOT RQ (lbs)</td>
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<td>ERG NO</td>
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</table>

Transportation of Dangerous Goods (TDG - Canada): Classification: Not regulated

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Status</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
IMDG (Marine Transport): Classification: Not regulated

Proper shipping name Not applicable
Class Not applicable
Subsidiary Risk Not applicable
Packing group Not applicable
IMDG Page Not applicable
Marine pollutant Not applicable
EMS Not applicable
MFAG Not applicable
Maximum Quantity Not applicable

IATA/ICAO (Air): Classification: Not regulated

Proper shipping name Not applicable
Class Not applicable
Subsidiary Risk: Not applicable
Packing group Not applicable
Maximum Quantity Not applicable

15. Regulatory Information

Canadian federal regulations
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Product Registration: Not registered

Canada - WHMIS - Ingredient Disclosure List
Sodium carbonate 497-19-8 1 %

WHMIS classification Exempt - Consumer product

Inventory Status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory Name</th>
<th>On Inventory (Yes/No)*</th>
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</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</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
51700-32037 - 1.8 kg - FINISH® Powder: Fresh - 0237266
51700-32040 - 1.8 kg - FINISH® Powder: Lemon - 0237266
51700-31350 - 3 kg - FINISH® Powder: Lemon - 0237266
51700-76958 - 3 kg - FINISH® Powder: Orange - 0237266
51700-79679 - 5.1 kg - FINISH® Powder: Pail - 0237266
Other Information

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