1. Product and Company Identification

Product Name: FINISH® GEL
UPC CODES: Refer to section 16
CAS #: Mixture
Product use: Dishwasher detergent
Distributed by: Reckitt Benckiser
Morris Corporate Center IV
399 Interpace Parkway
P.O. Box 225
Parsippany, NJ 07054-0225
In Case of Emergency: 1-800-228-4722
Transportation Emergencies: 24 Hour Number:
   North America: CHEMTREC: 1-800-424-9300
   Outside North America: 1-703-527-3887

LEGEND
HMIS/NFPA

| Health    | / 2 |
| Flammability | 0   |
| Physical Hazard | 0   |

2. Hazards Identification

Emergency overview
CAUTION
HARMFUL IF SWALLOWED. EYE AND SKIN IRRITANT.
Avoid contact with eyes, skin, mucous membranes and clothing.
DO NOT mix with any other products such as dishwashing liquids, cleaning products or ammonia as harmful fumes may be generated. Not for handwashing.

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.
   Non-corrosive properties being confirmed by in-vitro tests (Corrositex-test and OECD 431).
   Not expected to be a skin sensitizer.
   Inhalation: None expected during normal conditions of use.
   Ingestion: Harmful if swallowed.
   Ingestion could cause irritation of the mouth and throat.

Target organs: Eyes. Respiratory system. Skin.

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

Signs and symptoms: Symptoms may include redness, edema, 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>Silicic acid, sodium salt</td>
<td>1344-09-8</td>
<td>10 - 15</td>
</tr>
<tr>
<td>Sodium hypochlorite</td>
<td>7681-52-9</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>&lt; 2.5</td>
</tr>
</tbody>
</table>
4. First Aid Measures

First aid procedures

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

Skin contact
If on skin, IMMEDIATELY wash with plenty of soap and water. If irritation persists, get medical attention.

Inhalation
Move to fresh air.

Ingestion
If swallowed, do NOT induce vomiting. Drink a glass of water. Call a Poison Control Center or physician.

Notes to physician
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 OSHA 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 sulphur. Oxides of carbon.

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
Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

7. Handling and Storage

Handling
Avoid contact with eyes, skin and clothing. DO NOT mix with any other products such as dishwashing liquids, cleaning products or ammonia.

Use good industrial hygiene practices in handling this material. When using do not eat or drink.

Storage
Keep out of reach of children.
Keep in properly labelled containers.
Keep containers tightly closed in a cool, well-ventilated place.
8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Ceiling: 2 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 hypochlorite</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>
</tbody>
</table>

Engineering controls

General ventilation normally adequate.

Personal protective equipment

**Eye / face protection**
- Tightly fitting safety goggles
- Emergency responders should wear full eye and face protection.

**Hand protection**
- Impervious gloves
- 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.
- Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

**Respiratory protection**
- Not normally required under normal use conditions.
- 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Gel</td>
</tr>
<tr>
<td>Color</td>
<td>Blue</td>
</tr>
<tr>
<td>Form</td>
<td>Gel</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>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>11.3 ± 0.2 (10%)</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Pour point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 212.00 °F (&gt; 100 °C)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, lower, % by volume</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, upper, % by volume</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Specific gravity
Octanol/water coefficient
Solubility (H2O)
Auto-ignition temperature
Viscosity

1.10 - 1.25
Not available
Soluble
Not available
19 800 MPas (68°F)

10. Stability and Reactivity

Chemical stability
Stable under recommended storage conditions.

Conditions to avoid
Exposure to sunlight. Do not mix with bleach or any other chemical.

Incompatible materials
Acids. Oxidizers.

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

Possibility of hazardous reactions
Hazardous polymerization does not occur.

11. Toxicological Information

Component analysis - LC50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>Not available</td>
</tr>
<tr>
<td>Silicic acid, sodium salt</td>
<td>Not available</td>
</tr>
<tr>
<td>Sodium hypochlorite</td>
<td>&gt; 5250 mg/m3 rat</td>
</tr>
</tbody>
</table>

Component analysis - Oral LD50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide</td>
<td>214 mg/kg rat</td>
</tr>
<tr>
<td>Silicic acid, sodium salt</td>
<td>1153 mg/kg rat</td>
</tr>
<tr>
<td>Sodium hypochlorite</td>
<td>8200 mg/kg rat; 5800 mg/kg mouse</td>
</tr>
</tbody>
</table>

Effects of acute exposure

Eye
Irritating to eyes.

Skin
None expected during normal conditions of use.
Non-corrosive properties being confirmed by in-vitro tests (Corrositex-test and OECD 431).
Not expected to be a skin sensitizer.

Inhalation
None expected during normal conditions of use.

Ingestion
Harmful if swallowed.
Ingestion could cause irritation of the mouth and throat.

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.

IARC - Group 3 (Not Classifiable)
Sodium hypochlorite 7681-52-9 Monograph 52 [1991] (listed under Hypochlorite salts)

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

<table>
<thead>
<tr>
<th>Ecotoxicity - Freshwater Algae Data</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hypochlorite 7681-52-9</td>
<td>24 Hr EC50 Skeletonema costatum: 0.095 mg/L</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ecotoxicity - Freshwater Fish Species Data</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide 1310-58-3</td>
<td>96 Hr LC50 Gambusia affinis: 80 mg/L [static]</td>
</tr>
<tr>
<td>Silicic acid, sodium salt 1344-09-8</td>
<td>96 Hr LC50 Lepomis macrochirus: 301-478 mg/L; 96 Hr LC50 Brachydanio rerio: 3185 mg/L [semi-static]</td>
</tr>
<tr>
<td>Sodium hypochlorite 7681-52-9</td>
<td>96 Hr LC50 Pimephales promelas: 0.06-0.11 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 4.5-7.6 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 0.4-0.8 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 0.28-1 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 0.05-0.771 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: &gt;0.03-0.19 mg/L [semi-static]; 96 Hr LC50 Oncorhynchus mykiss: 0.18-0.22 mg/L [static]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ecotoxicity - Water Flea Data</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicic acid, sodium salt 1344-09-8</td>
<td>96 Hr EC50 Daphnia magna: 216 mg/L</td>
</tr>
<tr>
<td>Sodium hypochlorite 7681-52-9</td>
<td>96 Hr EC50 Daphnia magna: 2.1 mg/L; 48 Hr EC50 Daphnia magna: 0.033 - 0.044 mg/L [Static]</td>
</tr>
</tbody>
</table>

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

13. Disposal Considerations

<table>
<thead>
<tr>
<th>Waste codes</th>
<th>Not available</th>
</tr>
</thead>
<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>
<td>Not available</td>
</tr>
</tbody>
</table>

14. Transport Information

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

Proper shipping name  Not applicable
Status  Not applicable
Packing group  Not applicable

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

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

Product Registration:  Not registered

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities
Potassium hydroxide  1310-58-3  1000 Lb final RQ; 454 kg final RQ
Sodium hypochlorite  7681-52-9  100 Lb final RQ; 45.4 kg final RQ

U.S. - CWA (Clean Water Act) - Hazardous Substances
Potassium hydroxide  1310-58-3  Present
Sodium hypochlorite  7681-52-9  Present
Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

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
Potassium hydroxide 1310-58-3 Present
Sodium hypochlorite 7681-52-9 Present

U.S. - Louisiana - Reportable Quantity List for Pollutants
Potassium hydroxide 1310-58-3 1000 Lb final RQ; 454 kg final RQ
Sodium hypochlorite 7681-52-9 100 Lb final RQ; 45.4 kg final RQ

U.S. - Massachusetts - Right To Know List
Potassium hydroxide 1310-58-3 Present
Sodium hypochlorite 7681-52-9 Present

U.S. - Minnesota - Hazardous Substance List
Potassium hydroxide 1310-58-3 Present
Sodium hypochlorite 7681-52-9 Present

U.S. - New Jersey - Right to Know Hazardous Substance List
Potassium hydroxide 1310-58-3 sn 1571
Sodium hypochlorite 7681-52-9 sn 1707

U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances
Potassium hydroxide 1310-58-3 100 Lb RQ (air); 100 lb RQ (land/water)
Sodium hypochlorite 7681-52-9 100 Lb RQ (air); 100 lb RQ (land/water)

U.S. - Pennsylvania - RTK (Right to Know) List
Potassium hydroxide 1310-58-3 Environmental hazard
Sodium hypochlorite 7681-52-9 Environmental hazard

U.S. - Rhode Island - Hazardous Substance List
Potassium hydroxide 1310-58-3 Toxic; Flammable

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

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
51700-79350 - 75 oz. - FINISH® GEL Fresh Scent - 0056445
51700-75708 - 75 oz. - FINISH® GEL Lemon Scent - 0056445
51700-76611 - 75 oz. - FINISH® GEL Orange Scent - 0204431

Issue date 16-Apr-2010
Effective date 15-Apr-2010
For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.