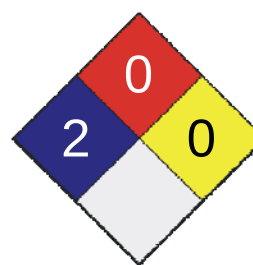


1. Product and Company Identification

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	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 2
Flammability	0
Physical Hazard	0
Personal Protection	D



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	KEEP OUT OF REACH OF CHILDREN.
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

Ingredient(s)	CAS #	Percent
Silicic acid, sodium salt	1344-09-8	10 - 15
Sodium hypochlorite	7681-52-9	0.1 - 1
Potassium hydroxide	1310-58-3	< 2.5

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

Exposure limits

Ingredient(s)	Exposure Limits
Potassium hydroxide	ACGIH-TLV Ceiling: 2 mg/m ³ OSHA-PEL Not established
Silicic acid, sodium salt	ACGIH-TLV Not established OSHA-PEL Not established
Sodium hypochlorite	ACGIH-TLV Not established OSHA-PEL Not established

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

Appearance	gel
Color	Blue
Form	Gel
Odor	Characteristic
Odor threshold	Not available
Physical state	Liquid
pH	11.3 ± 0.2 (10%)
Freezing point	Not available
Pour point	Not available
Boiling point	Not available
Flash point	> 212.00 °F (> 100 °C)
Evaporation rate	Not available
Flammability limits in air, lower, % by volume	Not available
Flammability limits in air, upper, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available

Specific gravity	1.10 - 1.25
Octanol/water coefficient	Not available
Solubility (H2O)	Soluble
Auto-ignition temperature	Not available
Viscosity	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

Ingredient(s)	LC50
Potassium hydroxide	Not available
Silicic acid, sodium salt	Not available
Sodium hypochlorite	> 5250 mg/m3 rat

Component analysis - Oral LD50

Ingredient(s)	LD50
Potassium hydroxide	214 mg/kg rat
Silicic acid, sodium salt	1153 mg/kg rat
Sodium hypochlorite	8200 mg/kg rat; 5800 mg/kg mouse

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)
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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 See below

Ecotoxicity - Freshwater Algae Data

Sodium hypochlorite 7681-52-9 24 Hr EC50 *Skeletonema costatum*: 0.095 mg/L

Ecotoxicity - Freshwater Fish Species Data

Potassium hydroxide 1310-58-3 96 Hr LC50 *Gambusia affinis*: 80 mg/L [static]
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 hypochlorite 7681-52-9 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*: >0.03-<0.19 mg/L [semi-static]; 96 Hr LC50 *Oncorhynchus mykiss*: 0.18-0.22 mg/L [static]

Ecotoxicity - Water Flea Data

Silicic acid, sodium salt 1344-09-8 96 Hr EC50 *Daphnia magna*: 216 mg/L
Sodium hypochlorite 7681-52-9 96 Hr EC50 *Daphnia magna*: 2.1 mg/L; 48 Hr EC50 *Daphnia magna*: 0.033 - 0.044 mg/L [Static]

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

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

14. Transport Information

UN/ID N.o. Not applicable

U.S. Department of Transportation (DOT): Classification: Not regulated

Proper shipping name Not applicable

U.S. DOT Hazard Class Not applicable

Subsidiary Risk Not applicable

Packing group Not applicable

DOT RQ (lbs) Not applicable
ERG NO Not applicable

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 1000 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

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.