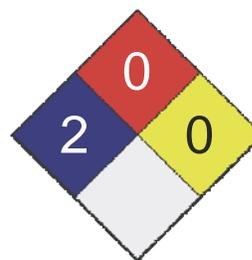


### 1. Product and Company Identification

**Product Name** FINISH® GLASS MAGIC® - Dishwasher Performance Booster  
**UPC CODES** Refer to Section 16  
**CAS #** Mixture  
**Product use** Rinse additive  
**Manufacturer** 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** DANGER  
 EYE AND SKIN IRRITANT.  
 HARMFUL IF SWALLOWED.  
 CONTACT WITH EYES OR MOUTH MAY CAUSE BURNS. Avoid contact with eyes, mouth and mucous membranes.  
  
 KEEP OUT OF REACH OF CHILDREN.

**Potential short term health effects**

- Routes of exposure** Eye, Skin contact, Ingestion.
- Eyes** Causes irritation.
- Skin** May cause irritation.
- Inhalation** None expected during normal conditions of use. May cause respiratory tract irritation.
- 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** May cause irritation.

### 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Sodium tripolyphosphate	7758-29-4	60 - 100
Sodium dichloroisocyanurate dihydrate	51580-86-0	2.5 - 10
Sodium metasilicate	6834-92-0	2.5 - 10
Tetrasodium pyrophosphate	7722-88-5	2.5 - 10

---

## 4. First Aid Measures

---

### First aid procedures

<b>Eye contact</b>	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.
<b>Skin contact</b>	If on skin, wash with soap and water. Get medical attention, if irritation persists.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	If swallowed, rinse mouth and drink a glass of water. Call a Physician or Poison Control Center.

### Notes to physician

Contains sodium metasilicate, sodium tripolyphosphate and active organic chloride.

### 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 phosphorus. 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

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, skin and clothing. Use good industrial hygiene practices in handling this material. Wash hands after handling and before eating.

### Storage

Store in original container in a cool, secure area inaccessible to children and pets. Keep out of reach of children.

---

---

## 8. Exposure Controls / Personal Protection

---

### Exposure limits

Ingredient(s)	Exposure Limits
Sodium dichloroisocyanurate dihydrate	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Sodium metasilicate	<b>ACGIH-TLV</b> TWA: 10 mg/m <sup>3</sup> <b>OSHA-PEL</b> Not established
Sodium tripolyphosphate	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Tetrasodium pyrophosphate	<b>ACGIH-TLV</b> TWA: 5 mg/m <sup>3</sup> <b>OSHA-PEL</b> TWA: 5 mg/m <sup>3</sup>

### Engineering controls

General ventilation normally adequate.

### Personal protective equipment

#### Eye / face protection

Not normally required under normal use conditions.  
If splashing is likely to occur or for occupational exposures, wear appropriate eye protection.

Emergency responders should wear full eye and face protection.

#### Hand protection

Avoid contact with the skin.

For sensitive skin or prolonged use, wear rubber gloves.

Emergency responders should wear impermeable gloves.

#### Skin and body protection

As required by employer code.

#### 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 airborne particles (dust) 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. Wash hands before breaks and immediately after handling the product.

---

## 9. Physical and Chemical Properties

---

Appearance	Free-flowing Granular Powder
Color	White.
Form	Solid.
Odor	Odorless
Odor threshold	Not available
Physical state	Solid
pH	11.0 - 11.5 (10% solution) (Alkaline)
Freezing point	Not available
Pour point	Not available
Boiling point	Not available
Flash point	> 93 °C (> 199.40 °F)
Evaporation rate	Not available
Flammability limits in air, lower, % by volume	Not applicable

<b>Flammability limits in air, upper, % by volume</b>	Not applicable
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	Not available
<b>Specific gravity</b>	> 1 (Water = 1)
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H2O)</b>	Soluble
<b>Auto-ignition temperature</b>	Not available

## 10. Stability and Reactivity

<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Do not mix with other chemicals.
<b>Incompatible materials</b>	Do not mix with acids or ammonia, will cause hazardous vapours.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of sulphur. Oxides of phosphorus. Oxides of carbon.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

## 11. Toxicological Information

### Component analysis - LC50

Ingredient(s)	LC50
Sodium dichloroisocyanurate dihydrate	> 1637.5 Mg/m <sup>3</sup> /4H rat
Sodium metasilicate	Not available
Sodium tripolyphosphate	Not available
Tetrasodium pyrophosphate	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
Sodium dichloroisocyanurate dihydrate	620 mg/kg rat
Sodium metasilicate	1153 mg/kg rat
Sodium tripolyphosphate	3100 mg/kg rat
Tetrasodium pyrophosphate	4000 mg/kg rat

### Effects of acute exposure

<b>Eye</b>	Causes irritation.
<b>Skin</b>	May cause irritation.
<b>Inhalation</b>	None expected during normal conditions of use. May cause respiratory tract irritation.
<b>Ingestion</b>	Harmful if swallowed.
<b>Sensitization</b>	The finished product is not expected to have chronic health effects.
<b>Chronic effects</b>	The finished product is not expected to have chronic health effects.
<b>Carcinogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Mutagenicity</b>	The finished product is not expected to have chronic health effects.
<b>Reproductive effects</b>	The finished product is not expected to have chronic health effects.
<b>Teratogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Synergistic Materials</b>	Not available

## 12. Ecological Information

**Ecotoxicity** Components of this product have been identified as having potential environmental concerns.

### Ecotoxicity - Freshwater Fish Species Data

Sodium metasilicate	6834-92-0	96 Hr LC50 Brachydanio rerio: 210 mg/L [semi-static]; 96 Hr LC50 Brachydanio rerio: 210 mg/L
Sodium tripolyphosphate	7758-29-4	48 Hr LC50 Leuciscus idus: 1650 mg/L

### Ecotoxicity - Water Flea Data

Sodium metasilicate	6834-92-0	96 Hr EC50 Daphnia magna: 216 mg/L
---------------------	-----------	------------------------------------

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

---

### 13. Disposal Considerations

---

<b>Waste codes</b>	Not available
<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Do not re-use empty containers.

---

### 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

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

**IATA/ICAO (Air): Classification:** Not regulated

<b>Proper shipping name</b>	Not applicable
<b>Class</b>	Not applicable
<b>Subsidiary Risk:</b>	Not applicable
<b>Packing group</b>	Not applicable
<b>Maximum Quantity</b>	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.

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

Sodium tripolyphosphate      7758-29-4      5000 Lb final RQ (Sodium phosphate, tribasic); 2270 kg final RQ (Sodium phosphate, tribasic)

**U.S. - CWA (Clean Water Act) - Hazardous Substances**

Sodium tripolyphosphate      7758-29-4      Present

**Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemical**      Yes

**CERCLA (Superfund) reportable quantity**

Sodium tripolyphosphate: 5000.0000

**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 tripolyphosphate	7758-29-4	Present (listed under Sodium phosphate, tribasic)
Tetrasodium pyrophosphate	7722-88-5	Present

**U.S. - Louisiana - Reportable Quantity List for Pollutants**

Sodium tripolyphosphate	7758-29-4	5000 Lb final RQ (listed under Sodium phosphate, tribasic); 2270 kg final RQ (listed under Sodium phosphate, tribasic)
-------------------------	-----------	--

**U.S. - Massachusetts - Right To Know List**

Sodium dichloroisocyanurate dihydrate	51580-86-0	Present
Sodium tripolyphosphate	7758-29-4	Present
Tetrasodium pyrophosphate	7722-88-5	Present

**U.S. - Minnesota - Hazardous Substance List**

Tetrasodium pyrophosphate	7722-88-5	Present
---------------------------	-----------	---------

**U.S. - New Jersey - Right to Know Hazardous Substance List**

Tetrasodium pyrophosphate	7722-88-5	sn 1837
---------------------------	-----------	---------

**U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances**

Sodium tripolyphosphate	7758-29-4	5000 Lb RQ (air); 100 lb RQ (land/water)
-------------------------	-----------	--

**U.S. - Pennsylvania - RTK (Right to Know) List**

Sodium dichloroisocyanurate dihydrate	51580-86-0	Present
Sodium tripolyphosphate	7758-29-4	Environmental hazard
Tetrasodium pyrophosphate	7722-88-5	Present

**U.S. - Rhode Island - Hazardous Substance List**

Sodium dichloroisocyanurate dihydrate	51580-86-0	Flammable
Tetrasodium pyrophosphate	7722-88-5	Toxic

**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**

27443-38210 - FINISH® GLASS MAGIC® - Dishwasher Performance Booster - 16 oz. - 377312

**Issue date**

16-Nov-2009

**Effective date**

15-Nov-2009

**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.