

## 1. Product and Company Identification

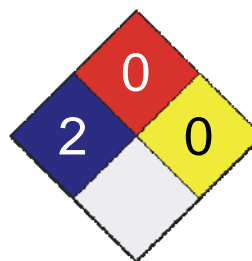
**Product Name** FINISH® JET-DRY® Rinse Agent - All Scents  
**CAS #** Mixture  
 This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).  
 This MSDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulation.

**Product Use** Rinse additive

**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	B



## 2. Hazards Identification

### Emergency overview

CAUTION

EYE IRRITANT.  
 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

None expected during normal conditions of use.

#### Ingestion

Health injuries are not known or expected under normal use.

### 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.

### 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

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>Percent</b>
Citric Acid	77-92-9	2.5 - 10
Sodium cumenesulfonate	28348-53-0	2.5 - 10
Isotridecanoethoxylate	9043-30-5	10 - 20

### 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. Get immediate medical attention.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

#### 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

<b>Suitable extinguishing media</b>	Treat for surrounding material.
<b>Unsuitable extinguishing media</b>	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.

#### Explosion data

<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	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. Advise authorities if product has penetrated drains, sewers or water pipes.

**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 to original containers for re-use.

### 7. Handling and Storage

**Handling** Ensure adequate ventilation.  
EYE IRRITANT.  
DO NOT get in eyes.  
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.

**Storage**

Keep out of reach of children.  
Keep in properly labelled containers.  
Keep containers tightly closed in a cool, well-ventilated place.

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## 8. Exposure Controls / Personal Protection

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**Exposure limits****Ingredient(s)****Exposure Limits**

Citric Acid

**ACGIH-TLV**TWA: 10 mg/m<sup>3</sup>**OSHA-PEL**TWA: 10 mg/m<sup>3</sup>

Isotridecanoethoxylate

**ACGIH-TLV**

Not established

**OSHA-PEL**

Not established

Sodium cumenesulfonate

**ACGIH-TLV**

Not established

**OSHA-PEL**

Not established

**Engineering controls**

General ventilation normally adequate.

**Personal protective equipment**

**Consult the product label for special protection or precautions that have been identified for using this product under directed consumer use conditions. The following recommendations are given for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure.**

**Eye / face protection**

safety glasses with side-shields  
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.

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## 9. Physical and Chemical Properties

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**Appearance**

Liquid

**Color**

Blue or Green

**Form**

aqueous solution

**Odor**

perfumed

**Odor threshold**

Not available

**Physical state**

Liquid

**pH**

3.0 ± 0.2 (100%)

**Freezing point**

Not available

**Boiling point**

&gt; 212.00 °F (&gt; 100 °C)

**Pour point**

Not available

**Evaporation rate**

Not available

**Flash point**

&gt; 212.00 °F (&gt; 100 °C)

Auto-ignition temperature	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	1.03
Octanol/water coefficient	Not available
Solubility (H2O)	Complete

## 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	Extremes of temperature and direct sunlight. DO NOT MIX WITH BLEACH or use in conjunction with other household products.
Incompatible materials	Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

## 11. Toxicological Information

### Component analysis - LC50

Ingredient(s)	LC50
Citric Acid	Not available
Isotridecanoethoxylate	Not available
Sodium cumenesulfonate	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
Citric Acid	5040 mg/kg mouse; 3000 mg/kg rat
Isotridecanoethoxylate	1080 mg/kg rat
Sodium cumenesulfonate	7000 mg/kg rat

### Effects of acute exposure

Eye	Irritating to eyes.
Skin	None expected during normal conditions of use. Not expected to be a skin sensitizer.
Inhalation	None expected during normal conditions of use.
Ingestion	Health injuries are not known or expected under normal use.
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.
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.
Name of Toxicologically Synergistic Products	Not available

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## 12. Ecological Information

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<b>Ecotoxicity</b>	See below	
<b>Ecotoxicity - Freshwater Algae - Acute Toxicity Data</b>		
Sodium cumenesulfonate	28348-53-0	72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L
<b>Ecotoxicity - Freshwater Fish - Acute Toxicity Data</b>		
Citric Acid	77-92-9	96 Hr LC50 Lepomis macrochirus: 1516 mg/L [static]
<b>Ecotoxicity - Water Flea - Acute Toxicity Data</b>		
Citric Acid	77-92-9	72 Hr EC50 Daphnia magna: 120 mg/L
Sodium cumenesulfonate	28348-53-0	24 Hr EC50 Daphnia magna: >1000 mg/L
<b>Persistence / degradability</b>	Not available	
<b>Bioaccumulation / accumulation</b>	Not available	
<b>Mobility in environmental media</b>	Not available	
<b>Environmental effects</b>	Not available	
<b>Aquatic toxicity</b>	Not available	
<b>Partition coefficient</b>	Not available	
<b>Chemical fate information</b>	Not available	

## 13. Disposal Considerations

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<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations. Empty container can be disposed of as household trash or rinsed and recycled where appropriate.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

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## 14. Transport Information

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

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

<b>Proper shipping name</b>	Not applicable
<b>Status</b>	Not applicable
<b>Packing group</b>	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

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## 15. Regulatory Information

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

**29 CFR 1910.1200 hazardous chemical** Yes

**US Federal regulations**

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

Product Registration: Product is compliant with CPSC regulatory guidelines; a specific registration is not required for this product.

**CERCLA (Superfund) reportable quantity**

Acetic acid: 5000.0000

Sodium hydroxide: 1000.0000

**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** No

**Clean Water Act (CWA)**

Not available

**State regulations**

This product is not subject to warning labeling under the California Proposition 65 regulation.

**Inventory status****Country(s) or region**

United States &amp; Puerto Rico

**Inventory name**

Toxic Substances Control Act (TSCA) Inventory

**On inventory (yes/no)\***

Yes

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

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**16. Other Information**

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**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**

FINISH® JET-DRY® Rinse Agent, 1.52 fl oz/4.22 fl oz/8.45 fl oz/ 16 fl oz/23 fl oz - 0386301V2.0

FINISH® JET-DRY® Rinse Agent, 32 fl oz - 0356277v5.0

FINISH® JET-DRY® Rinse Agent - Green Apple Vinegar, 8.45 fl oz - 8004224v2.0

**Issue date**

09-Nov-2012

**Effective date**

01-Nov-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.