

9/13/16

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 Canadian Workplace Hazardous Materials Information System (WHMIS).

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

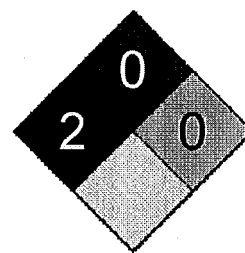
Finish Jet Dry
Rinse Agent

Distributed by

Reckitt Benckiser (Canada) Inc.
1680 Tech Avenue Unit #2
Mississauga, ON L4W 5S9
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
Reactivity	0
Personal Protection	B



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

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, oedema, drying, defatting and cracking of the skin.

Potential environmental effects

See section 12.

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Sodium cumenesulfonate	28348-53-0	1 - 5
Isotridecanoethoxylate	9043-30-5	10 - 30
Citric acid	77-92-9	3 - 7

4. First Aid Measures

First aid procedures

Eye contact	If in eyes, rinse with water for 15 minutes. Get medical attention immediately. Remove any contact lenses and continue to rinse.
Skin contact	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation	Move to fresh air.
Ingestion	If swallowed, call a Poison Control Centre or doctor immediately. DO NOT induce vomiting. 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 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.
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.
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 in 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.

8. Exposure Controls / Personal Protection

Exposure limit values

Ingredient(s)

Exposure limit values

Citric acid

ACGIH-TLV

TWA: 10 mg/m³

Isotridecanoethoxylate

ACGIH-TLV

Not established

Sodium cumenesulfonate

ACGIH-TLV

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.

9. Physical and Chemical Properties

Appearance

Liquid

Colour

Blue or Green

Form

aqueous solution

Odour

perfumed

Odour threshold

Not available

Physical state

Liquid

pH

3.0 ± 0.2 (100%)

Freezing point

Not available

Boiling point

> 100 °C (> 212.00 °F)

Pour point

Not available

Evaporation Rate

Not available

Flash point

> 100 °C (> 212.00 °F)

Auto-ignition temperature

Not available

Flammability limits in air, lower, % by volume

Not available

Flammability Limits in Air, Upper, % by Volume

Not available

Vapour pressure

Not available

Vapour density

Not available

Specific gravity

1.03

Octanol/water coefficient

Not available

10. Stability and Reactivity

Reactivity	This product may react with strong oxidizing agents.
Possibility of hazardous reactions	Hazardous polymerisation 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
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Citric acid	Not available
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Isotridecanoethoxylate	Not available
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Sodium cumenesulfonate	Not available
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Component analysis - Oral LD50

Ingredient(s)	LD50
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Citric acid	5040 mg/kg mouse; 3000 mg/kg rat
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Isotridecanoethoxylate	1080 mg/kg rat
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Sodium cumenesulfonate	7000 mg/kg rat
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Effects of acute exposure

Eye	Irritating to eyes.
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Skin	None expected during normal conditions of use. Not expected to be a skin sensitizer.
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Inhalation	None expected during normal conditions of use.
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Ingestion	Health injuries are not known or expected under normal use.
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Sensitisation	The finished product is not expected to have chronic health effects.
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Chronic effects	The finished product is not expected to have chronic health effects.
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Carcinogenicity	The finished product is not expected to have chronic health effects.
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Mutagenicity	The finished product is not expected to have chronic health effects.
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Reproductive effects	The finished product is not expected to have chronic health effects.
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Teratogenicity	The finished product is not expected to have chronic health effects.
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Name of Toxicologically Synergistic Products	Not available
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12. Ecological Information

Ecotoxicity	See below
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Ecotoxicity - Freshwater Algae - Acute Toxicity Data

Sodium cumenesulfonate	28348-53-0	72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L
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Ecotoxicity - Freshwater Fish - Acute Toxicity Data

Citric acid	77-92-9	96 Hr LC50 Lepomis macrochirus: 1516 mg/L [static]
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Ecotoxicity - Water Flea - Acute Toxicity Data

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

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

Not available

13. Disposal Considerations

Disposal instructions

Dispose in accordance with all applicable regulations.
Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

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

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

Canada - WHMIS - Ingredient Disclosure List

Citric acid	77-92-9	1 %
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WHMIS classification

Exempt - Consumer product

Inventory Status

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

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

FINISH® JET-DRY® Rinse Agent, 125 mL/250 mL/621 mL - 0386301V2.0

FINISH® JET-DRY® Rinse Agent, 946 mL - 0356277v5.0

FINISH® JET-DRY® Rinse Agent - Green Apple Vinegar, 250 mL - 8004224v2.0

Issue date

21-Nov-2012

Effective Date

15-Nov-2012

Expiry Date

15-Nov-2015

Prepared by

Reckitt Benckiser Regulatory Department 800-333-3899

Other Information

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