

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name FINISH® - JET-DRY® Rinse Agent (Liquid) - All Scents

UPC CODES Refer to section 16

CAS # Mixture

Product Use Rinse additive

Distributed by Reckitt Benckiser (Canada) Inc.

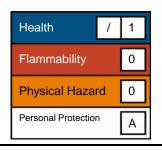
1680 Tech Avenue Unit #2 Mississauga, ON L4W 5S9

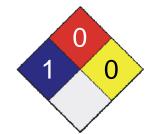
In Case of Emergency: 1-800-888-0192 Transportation Emergencies: 24 Hour Number:

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





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 None expected during normal conditions of use.

May cause eye irritation upon direct contact with the 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 effectsThe 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.

3. Composition/Information on Ingredients

Ingredient(s)	CAS#	Percent
Sodium cumenesulfonate	28348-53-0	1 - 5
Citric acid	77-92-9	1 - 5
Alcohols, C12-15, ethoxylated propoxylated	68551-13-3	10 - 30

4. First Aid Measures

First aid procedures

Eye contact If in eyes, IMMEDIATELY rinse with water for 15 minutes.

Skin contact If on skin, wash with plenty of soap and water. Get medical attention if irritation occurs.

Inhalation Move to fresh air.

Ingestion If swallowed, do NOT induce vomiting.

Notes to physician General advice

Treat patient symptomatically.

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 should wear full protective clothing including self contained breathing apparatus.

firefighers

May include and are not limited to: Oxides of carbon.

Hazardous combustion products Explosion data

> Sensitivity to mechanical impact Not available Not available Sensitivity to static discharge

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.

Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements Methods for containment

or confined areas.

Before attempting clean up, refer to hazard data given above. Small spills may be Methods for cleaning up

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

May cause eye and skin irritation. Handling

Avoid contact skin and 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**

Alcohols, C12-15, ethoxylated propoxylated **ACGIH-TLV** Not established

Citric acid **ACGIH-TLV**

Sodium cumenesulfonate **ACGIH-TLV**

Not established

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye/Face protection safety glasses with side-shields

Emergency responders should wear full eye and face protection.

TWA: 10 mg/m3

#20913 Page 2 of 6 Issue date 27-Sept-2010 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 Light blue

Green

Form aqueous solution

OdourperfumedOdour thresholdNot availablePhysical stateLiquid

pH $3.0 \pm 0.1 (100\%)$ **Freezing point** Not available

Boiling point $> 100 \, ^{\circ}\text{C} \, (> 212.00 \, ^{\circ}\text{F})$

Pour pointNot availableEvaporation RateNot available

Flash point > 100 °C (> 212.00 °F)

Auto-ignition temperature Not available Flammability limits in air, lower, % Not available

by volume

per, % Not available

Flammability Limits in Air, Upper, %

by Volume

Vapour pressureNot availableVapour densityNot available

Specific gravity 1.03

Octanol/water coefficient Not available

10. Stability and Reactivity

Chemical stability Stable under recommended storage conditions.

Conditions to avoid 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.

Possibility of hazardous reactions Hazardous polymerisation does not occur.

11. Toxicological Information

Component analysis - LC50 Ingredient(s) Alcohols, C12-15, ethoxylated propoxylated Not available

Citric acid Not available

Sodium cumenesulfonate Not available

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Component analysis - Oral LD50

Ingredient(s) LD50

Alcohols, C12-15, ethoxylated propoxylated	1200 mg/kg rat
Citric acid	5040 mg/kg mouse; 3000 mg/kg rat
0 1: 1/ 1	7000 "

Sodium cumenesulfonate 7000 mg/kg rat

Effects of acute exposure

Eye None expected during normal conditions of use.

May cause eye irritation upon direct contact with the 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.

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

Synergistic Materials Not available

12. Ecological Information

Ecotoxicity See below

Ecotoxicity - Freshwater Algae - Acute Toxicity Data

Sodium cumenesulfonate 28348-53-0 72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L

Ecotoxicity - Freshwater Fish - Acute Toxicity Data

Citric acid 77-92-9 96 Hr LC50 Lepomis macrochirus: 1516 mg/L [static]

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

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

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 pollutantNot applicableEMSNot 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 %

WHMIS classification Exempt - Consumer product

Inventory Status

Country(s) or region Inventory Name On Inventory (Yes/No)*

CanadaDomestic Substances List (DSL)YesCanadaNon-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 51700-76366 - 250 mL - FINISH® - JET-DRY® Rinse Agent (Liquid) - Green Apple

Vinegar - 0151871

51700-36269 - 125 mL - FINISH® - JET-DRY® Rinse Agent (Liquid) - Original - 0135171 51700-36244 - 250 mL - FINISH® - JET-DRY® Rinse Agent (Liquid) - Original - 0135171 51700-76206 - 621 mL - FINISH® - JET-DRY® Rinse Agent (Liquid) - Original - 0135171 51700-79037 - 946 mL - FINISH® - JET-DRY® Rinse Agent (Liquid) - Original - 0135171

 Issue date
 27-Sept-2010

 Effective Date
 15-Sept-2010

 Expiry Date
 15-Sept-2013

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.

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