

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

Morris Corporate Center IV 399 Interpace Parkway P.O. Box 225

Parsippany, NJ 07054-0225

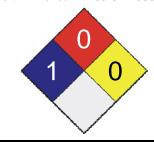
In Case of Emergency: 1-800-228-4722 Transportation Emergencies: 24 Hour Number:

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





2. Hazards Identification

Emergency overview CAUTION

May cause eye and skin irritation. Avoid contact with eyes and skin. Wash hands

immediately after use.

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 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
Citric Acid	77-92-9	2.5 - 10
Sodium cumenesulfonate	28348-53-0	2.5 - 10
Alcohols, C12-15, ethoxylated propoxylated	68551-13-3	10 - 20

4. First Aid Measures

First aid procedures

Eye contactIf in eyes, IMMEDIATELY rinse eyes with plenty of water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation occurs, get medical attention

immediately.

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

Inhalation Move to fresh air.

Ingestion Rinse mouth. Never give anything by mouth to an unconscious person. Consult a

physician if necessary.

Treat patient symptomatically.

Notes to physician

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

Protective equipment for

firefighters

Firefighters should wear full protective clothing including self contained breathing

apparatus.

Not available

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.

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

or confined areas.

Methods for cleaning upBefore 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 May cause eye and skin irritation.

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.

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8. Exposure Controls / Personal Protection

Exposure limits		
Ingredient(s)	Exposure Limits	
Alcohols, C12-15, ethoxylated propo	oxylated ACGIH-TLV	
	Not established	
	OSHA-PEL	
	Not established	
Citric Acid	ACGIH-TLV	
	TWA: 10 mg/m3	
	OSHA-PEL	
	TWA: 10 mg/m3	
Sodium cumenesulfonate	ACGIH-TLV	
	Not established	
	OSHA-PEL	
	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.	
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 protectionNot 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.

Color Light blue
Green

Form aqueous solution

Odor perfumed
Odor threshold Not available
Physical state Liquid

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

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

Pour pointNot availableEvaporation rateNot available

Flash point > 212.00 °F (> 100 °C)

Auto-ignition temperature
Flammability limits in air, lower, %
by volume

Not available Not available

Flammability limits in air, upper, %

by volume

Not available

Vapor pressureNot availableVapor 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 polymerization does not occur.

11. Toxicological Information

Component analysis - LC50
Ingredient(s) LC50

Alcohols, C12-15, ethoxylated propoxylated

Not available

Not available

Sodium cumenesulfonate Not available

Component analysis - Oral LD50

Ingredient(s) LD50

Alcohols, C12-15, ethoxylated propoxylated

Citric Acid

1200 mg/kg rat

5040 mg/kg mouse; 3000 mg/kg rat

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.

IngestionHealth injuries are not known or expected under normal use.SensitizationThe finished product is not expected to have chronic health effects.Chronic effectsThe finished product is not expected to have chronic health effects.CarcinogenicityThe finished product is not expected to have chronic health effects.MutagenicityThe 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

Environmental effects

Aquatic toxicity

Persistence / degradability

Bioaccumulation / accumulation

Partition coefficient

Mobility in environmental media

Chemical fate information

Not available

Not available

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)

ERG NO

Not applicable

Not applicable

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

Proper shipping nameNot applicableStatusNot applicablePacking groupNot 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 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: Product is compliant with CPSC regulatory guidelines; a specific registration is not required for this product.

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous

Yes

chemical

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

INO

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.

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 51700-75683 - 8.45 oz. - FINISH® - JET-DRY® Rinse Agent (Liquid) - Green Apple

Vinegar - 0151871

51700-81325 - 23 oz. - FINISH® - JET-DRY® Rinse Agent (Liquid) - Original - 0135171 51700-78826 - 16 oz. - FINISH® - JET-DRY® Rinse Agent (Liquid) - Original - 0135171 51700-36930 - 8.45 oz. - FINISH® - JET-DRY® Rinse Agent (Liquid) - Original - 0135171 51700-36565 - 4.22 oz. - FINISH® - JET-DRY® Rinse Agent (Liquid) - Original - 0135171

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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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