MATERIAL SAFETY DATA SHEET

According to US Regulation ANSI Z400.1-2004

Print date: 20-Jan-2010

1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number  D0038829

Commercial Product Name  Finish - Jet Dry - Machine cleaner

Formula Number:  #0256834; #1402-186
                  (#0038832; #1184-180)

UPC Code(s) and Size:  0 51700 82887 6

Recommended / Intended Use: Detergent to clean Dishwashers

Manufacturer  Reckitt Benckiser
              30 Arrowhead Industrial Blvd.
              St. Peters, Missouri  63376
              USA

Distributor:  Reckitt Benckiser Inc.
             Morris Corporate Center IV
             399 Interpace Parkway (P.O. Box 225)
             Parsippany, New Jersey 07054-0225
             Telephone: +1 973 404 2600

             Reckitt Benckiser (Canada) Inc.
             1680 Tech Avenue, Unit #2
             Mississauga, Ontario L4W 5S9
             CANADA

Emergency Telephone Number:  1-800-228-4722 (U.S.)
                               1-800-338-6167 (Canada)

Transportation Emergencies:  1-800-424-9300 (U.S. & Canada) CHEMTREC
                              Outside U.S. and Canada (North America), call Chemtrec:703-527-3887
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2. HAZARDS IDENTIFICATION

Emergency Overview

CAUTION!
EYE AND SKIN IRRITANT
Avoid contact with skin and eyes.
Contains:
Citric Acid.
DO NOT mix with chlorine bleach or any other products as harmful fumes may result.

KEEP OUT OF REACH OF CHILDREN

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Proportion (% w/w)</th>
<th>ACGIH - Occupational Exposure Limits - TWAs</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric acid</td>
<td>15 - 30 %</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium 2-phenylpropane-2-sulfonate</td>
<td>&lt; 2.5 %</td>
<td>6 mg/m³ (Huels AG Marl)</td>
<td>-</td>
</tr>
<tr>
<td>Propane-1,2-diol</td>
<td>&lt; 2.5 %</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Inhalation
Move to fresh air. Immediate medical attention is not required. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors.

Skin Contact
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Eye Contact
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. If symptoms develop or persist, call a physician.

Ingestion
Rinse mouth. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Drink plenty of water. Consult a physician if necessary.

Notes to Physician
Treat symptomatically

Protection of First-aiders
Use personal protective equipment.

Aggravated Medical Conditions:
No information available.
5. FIRE-FIGHTING MEASURES

Flash point: See section 9

Suitable Extinguishing Media: As suitable for surrounding fire.

Extinguishing media which must not be used for safety reasons: No information available

Specific hazards: See Section 3, Hazard Identification.

Unusual hazards: None known.

Special protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.

Precautions for fire-fighting: Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Avoid contact with the skin and the eyes. Keep people away from and upwind of spill/leak.

Environmental Precautions: Do not allow material to contaminate ground water system. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

Methods for Cleaning Up: Small spills: Wearing appropriate protective equipment, soak up with an inert absorbent material and dispose of in an appropriate waste container. Rinse surface residue and flush to sink or sanitary sewer.

Methods for Containment: Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Handling: Wear personal protective equipment.

# 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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<td>Propane-1,2-diol</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Engineering Controls:** None required under normal use conditions.

**Environmental exposure controls**
Local authorities should be advised if significant spillages cannot be contained.

**Personal Protective Equipment**

- **Respiratory Protection:** None required under normal usage.
- **Eye/Face Protection:** Tightly fitting safety goggles
- **Hand Protection:** Impervious gloves.
- **Skin and Body Protection:** Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.
- **Hygiene Measures:** Avoid contact with eyes, skin, and clothing.
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.
Appearance: Liquid.
Colour: Blue
Odour: perfumed, typical to meet the Tradename descriptor
pH: 1.25 ± 0.3 (100 %)
Flash Point: > 100°C / > 212°F
Flammability Limits in Air: No information available
Autoignition Temperature: No information available.
Viscosity: 4 - 12 mPa*s - sp.1 / 60rpm (20°C/68°F)
Specific Gravity / Density [g/mL]: 1.217 - 1.122 (20°C/68°F)
Vapour Pressure: Not determined.
Solubility: No information available.

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Conditions to Avoid: Avoid direct sunlight.
dirt, chemical contamination, ultraviolet (UV) or ionizing radiation
Store away from excessive heat and moisture
Materials to Avoid: Do not mix with bleach or other household chemicals.
Hazardous Decomposition Products: Oxides of carbon and unknown organic compounds.
Polymerization: Hazardous polymerization does not occur.
PRODUCT TOXICITY DATA

LD₅₀ Oral:  >2000 mg/kg (rat) estimated
LD₅₀ Dermal:  >2000 mg/kg (rat) estimated
LC₅₀ Inhalation (Dust):  No information available
LC₅₀ Inhalation (Vapor):  No information available

ACUTE EFFECTS:

Eye irritation  Irritating to eyes.
Skin irritation  Irritating to skin.
Inhalation  None expected during normal conditions of use.
Ingestion  Ingestion could cause irritation of the mouth and throat.
Sensitization  Not expected to be a skin sensitiser.

Specific Effects

Carcinogenic Effects:  Not listed as carcinogenic by OSHA, NTP or IARC.
Mutagenic Effects  No information available.
Reproductive Toxicity:  No information available.
Additional Toxicity Information:  Information is based on available component data and toxicity result of similar products.

COMPONENT TOXICITY DATA

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>LD₅₀ Oral - with units - Rat - mg/kg</th>
<th>LD₅₀ Dermal - With Units - Rat/Rabbit - mg/kg</th>
<th>LC₅₀ Inhalation - With units - Rat/Rabbit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric acid</td>
<td>77-92-9</td>
<td>3000 mg/kg Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium 2-phenylpropane-2-sulfonate</td>
<td>28348-53-0</td>
<td>7000 mg/kg Rat</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane-1,2-diol</td>
<td>57-55-6</td>
<td>20000 mg/kg Rat</td>
<td>208000 mg/kg Rabbit</td>
<td></td>
</tr>
</tbody>
</table>
12. ECOLOGICAL INFORMATION

PRODUCT TOXICITY DATA

Ecotoxicity effects
Aquatic toxicity: No information available

COMPONENT TOXICITY DATA

Citric acid
77-92-9 (15 - 30 %)
Water Flea h EC50 72 120 mg/L
Sodium 2-phenylpropane-2-sulfonate
28348-53-0 (< 2.5 %)
Freshwater Algae h EC50 72 >1000 mg/L
Propane-1,2-diol
57-55-6 (< 2.5 %)
Freshwater Algae h EC50 96 19000 mg/L
Water Flea h EC50 24 >10000 mg/L

Other Information

Ozone depletion potential; ODP; (R-11 = 1) No information available.
Global Warming Potential (GWP): No information available.

Additional Ecological Information: Information given is based on data on the components and the ecotoxicology of similar products.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose of in accordance with local regulations.

Contaminated Packaging: Dispose of as unused product.

Waste Disposal: Dispose of according to Local, State, Provincial and / or Federal regulations.
14. TRANSPORT IN FORMATION

General remarks
For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.

DOT
Not regulated

TDG
Not regulated

MEX
Not regulated

ICAO

IATA
Not regulated

IMDG/IMO
Not regulated

RID
Not regulated

ADR
Not regulated

ADN
Not regulated

15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>PICCS</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>ENCS</th>
<th>CHINA</th>
<th>AICS</th>
<th>EINECS/ELINCS</th>
<th>South Africa STELs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Citric acid</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>201-069-1</td>
<td></td>
</tr>
<tr>
<td>Sodium 2-phenylpropane-2-sulfonate</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>248-983-7</td>
<td></td>
</tr>
<tr>
<td>Propane-1,2-diol</td>
<td>Present</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>200-338-0</td>
<td></td>
</tr>
</tbody>
</table>
U.S. Regulations:

Citric acid - 77-92-9
  NJRTK: Not Listed.
  Appearance: White or Colorless, crystalline solid
  SARA313: None
  California Prop. 65: Not Listed

Sodium 2-phenylpropane-2-sulfonate - 28348-53-0
  NJRTK: Not Listed.
  Appearance: None.
  SARA313: None
  California Prop. 65: Not Listed

Propane-1,2-diol - 57-55-6
  NJRTK: X
  Appearance: Clear, viscous, Colorless liquid
  SARA313: None
  California Prop. 65: Not Listed

WHMIS (Canada)

WHMIS Hazard Class: D2B Toxic materials
16. OTHER INFORMATION

National Fire Protection Association (U.S.A.):

HMIS (U.S.A.):
- Health Hazard: 2
- Flammability: 0
- Physical hazards: 0
- PERSONAL PROTECTION: B

Reason for revision: Update or revision of the PSDS.

Additional advice: This product should only be used as directed on the label and for the purpose intended.

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