



## MATERIAL SAFETY DATA SHEET

According to US Regulation ANSI Z400.1-2004

Print date: 16-Jul-2009

### 1. PRODUCT AND COMPANY IDENTIFICATION

**MSDS Number** D0235139

**Commercial Product Name** Finish - Jet Dry - Turbo Dry - Drying agent

**Formula Number:** 0220148

**UPC Code(s) and Size:**  
For Canada:  
51700-80535 200ml  
51700-81748 500ml  
  
For US:  
0 51700 80312 5 6.76oz  
0 51700 81324 7 13oz

**Recommended / Intended Use:** Detergent for use in domestic automatic 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

**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!  
 HARMFUL IF SWALLOWED  
 EYE IRRITANT!  
 DO NOT get in eyes.  
 DO NOT ingest.

**KEEP OUT OF REACH OF CHILDREN**

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Proportion (% w/w)	ACGIH - Occupational Exposure Limits - TWAs	OSHA PEL
Polyoxyethylene trimethyldecyl alcohol 69011-36-5	15 - 30 %	-	-
Alcohols, C13-15-branched and linear, butoxylated ethoxylated 111905-53-4	5 - 10 %	-	-

**4. FIRST AID MEASURES**

<b>Inhalation</b>	Move to fresh air. Immediate medical attention is not required. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes
<b>Eye Contact</b>	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.
<b>Ingestion</b>	If swallowed, promptly drink a large quantity of water. DO NOT induce vomiting! Contact a Physician or Poison Control Center immediately.
<b>Notes to Physician</b>	Treat symptomatically
<b>Protection of First-aiders</b>	Use personal protective equipment.
<b>Aggravated Medical Conditions:</b>	No information available.

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**5. FIRE-FIGHTING MEASURES**

<b>Flash point:</b>	No information available.
<b>Suitable Extinguishing Media:</b>	As suitable for surrounding fire.
<b>Extinguishing media which must not be used for safety reasons:</b>	No information available
<b>Specific hazards:</b>	See Section 3, Hazard Identification.
<b>Unusual hazards:</b>	None known.
<b>Special protective equipment for fire-fighters</b>	As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Precautions for fire-fighting</b>	Standard procedure for chemical fires.

**NFPA:**    **Health Hazard:** 2    **Flammability:** 0    **Physical Hazard:** 0**HMIS:**    **Health Hazard:** 2    **Flammability:** 0    **Physical Hazard:** 0**Key:**    B.  
(Also see Sections 3 & 8)**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Use personal protective equipment. Avoid contact with the skin and the eyes.
<b>Environmental Precautions:</b>	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.
<b>Methods for Cleaning Up:</b>	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.
<b>Methods for Containment:</b>	Prevent further leakage or spillage if safe to do so

**7. HANDLING AND STORAGE**

<b>Handling:</b>	Ensure adequate ventilation Avoid contact with eyes Do not ingest
<b>Storage:</b>	Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place Keep in properly labeled containers. Keep at temperatures below 50 °C / 120 °F.

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**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

Chemical Name	ACGIH TLV	OSHA PEL
Polyoxyethylene trimethyldecyl alcohol 69011-36-5	-	-
Alcohols, C13-15-branched and linear, butoxylated ethoxylated 111905-53-4	-	-

**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.



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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Liquid.
<b>Appearance:</b>	Liquid.
<b>Colour:</b>	Blue
<b>Odour:</b>	Characteristic.
<b>pH</b>	3.0 +/- 0.2 (100%)
<b>Flash Point:</b>	> 100°C / > 212°F
<b>Flammability Limits in Air:</b>	No information available
<b>Autoignition Temperature:</b>	No information available.
<b>Specific Gravity / Density [g/mL]:</b>	1.05 - 1.07
<b>Vapour Pressure:</b>	Not determined.
<b>Solubility:</b>	No information available.

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Avoid direct sunlight. Do not expose to heat or store at temperatures above 120°F (50°C).
<b>Materials to Avoid:</b>	Do not mix with bleach or other household chemicals.
<b>Hazardous Decomposition Products:</b>	Oxides of carbon and unknown organic compounds.
<b>Polymerization:</b>	Hazardous polymerization does not occur.

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**11. TOXICOLOGICAL INFORMATION****PRODUCT TOXICITY DATA****LD<sub>50</sub> Oral:** >2000 mg/kg (rat) estimated**LD<sub>50</sub> Dermal:** >2000 mg/kg (rat) estimated**LC<sub>50</sub> Inhalation (Dust):** No information available**LC<sub>50</sub> Inhalation (Vapor):** No information available**Acute Effects:****Eye Irritation** Irritating to eyes.**Skin Irritation** None expected during normal conditions of use.**Inhalation** None expected during normal conditions of use.**Ingestion** Harmful if swallowed.  
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**

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**12. ECOLOGICAL INFORMATION**
**PRODUCT TOXICITY DATA**
**Ecotoxicity effects**
**Aquatic toxicity:** No information available

**COMPONENT TOXICITY DATA**
**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 INFORMATION**
**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** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

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**15. REGULATORY INFORMATION**

Chemical Name	PICCS	TSCA	DSL	NDSL	ENCS	CHINA	AICS	EINECS/ ELINCS	South Africa STELs
Polyoxyethylene trimethyldecyl alcohol	Present	XU	X		Yes	X	X	None	
Alcohols, C13-15-branched and linear, butoxylated ethoxylated	Present	XU	X		Yes	X	X	None	

**U.S. Regulations:**
*Polyoxyethylene trimethyldecyl alcohol - 69011-36-5*
**NJRTK** Not Listed.

**Appearance** None.

**SARA313** None

**California Prop. 65** Not Listed

*Alcohols, C13-15-branched and linear, butoxylated ethoxylated - 111905-53-4*
**NJRTK** Not Listed.

**Appearance** None.

**SARA313** None

**California Prop. 65** Not Listed

**WHMIS (Canada)**
**WHMIS Hazard Class** D2B Toxic materials




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**16. OTHER INFORMATION**
**National Fire  
Protection Association  
(U.S.A.):**

**HMS (U.S.A.):**

<b>Health Hazard</b>	<b>2</b>
<b>Flammability:</b>	<b>0</b>
<b>Physical hazards</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>

**Reason for revision:** New product

**Additional advice:** Consult your supplier if the material is to be used for special applications such as in the food industry or for hygiene, medical or surgical end-use.

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