



Ecolab Center
St. Paul, Minnesota 55102

10918

MATERIAL SAFETY DATA SHEET

Page 1 of 2

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026
Medical Calls from Outside of the USA: 612 292 4064 (USA)

INSTITUTIONAL DIV., Ecolab Inc. Product Information: 1-800-352-5326
Ecolab Ctr. St. Paul MN 55102 Date of Issue: April 17, 1996

1.0 IDENTIFICATION /

- 1.1 Product Name: RINSE DRY
1.2 Product Type: Automatic Warewashing Rinse Aid

2.0 HAZARDOUS COMPONENTS /

- 2.1 This product is not considered hazardous according to the criteria of 29 CFR 1910.1200.
2.2 This product does contain EO/PO-Derivative Nonionic Surfactant.

3.0 PHYSICAL DATA /

- 3.1 Appearance: Clear blue green liquid; no specific odor.
3.2 Solubility in Water: Complete
3.3 pH: 5.0-6.0 (100%)
3.4 Initial Boiling Point: 212 deg F
3.5 Specific Gravity: 1.02-1.04

4.0 FIRE AND EXPLOSION DATA /

- 4.1 Special Fire Hazards: None
4.2 Fire Fighting Methods: Product does not support combustion.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of handling.
5.2 Conditions to Avoid: Do not mix with anything but water.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Dike or dam large spills. Pump to containers or soak up on inert absorbent. Flush residue to sanitary sewer.
6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal.



Ecolab Center
St. Paul, Minnesota 55102

Ecolab Inc.

Product: RINSE DRY
INSTITUTIONAL DIV., Ecolab Inc.
MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

Page 2 of 2
913590

=====

7.0 HEALTH HAZARD DATA /

CAUTION

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: May cause irritation.

If Swallowed: May cause stomach distress, nausea or vomiting.

8.0 FIRST AID /

8.1 Eyes: Flush at once with cool running water. Remove contact lenses. Holding eyelids apart, continue flushing for 15 minutes.

8.2 Skin: Flush skin with plenty of cool running water. Wash thoroughly with soap and water. Wash contaminated clothing well before reuse.

8.3 If Swallowed: Rinse mouth; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN.

9.0 PROTECTIVE MEASURES /

9.1 No requirements beyond standard industrial hygiene practices.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

KEEP OUT OF REACH OF CHILDREN

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

SECTION VI HEALTH HAZARD DATA

Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (Acute & Chronic): Prolonged and repeated overexposure to the high concentrated mist irritates eye, mucous membranes and respiratory tract. Contact with skin may cause mild irritation.

Carcinogenity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs & Symptoms of Exposure: Ingestion of the liquid may cause burning of mouth and throat. If aspirated, it may be rapidly absorbed by lungs and have systematic effects.

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency & First Aid Procedures: Move away from exposure source. Do not induce vomiting. Thoroughly wash contaminated eyes and skin with water. Give oxygen.

SECTION VII PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be Taken in Case Material is Released or Spilled: Use absorbent sweeping liquid to soak up material. Put into container.

Waste Disposal Method: Dispose of all waste in accordance with federal, state and local regulations.

Precautions to be Taken in Handling & Storage: Keep away from heat, sparks, open flame or direct sunshine. Do not puncture or incinerate.

Other Precautions: Intentional misuse by deliberately concentrating and inhaling vapor contents can be harmful or fatal.

SECTION VIII CONTROL MEASURES

Respiratory Protection: Not necessary for normal use.

Ventilation: Local Exhaust: Yes Special: None
 Mechanical (general): None Other: None

Protective Gloves: Polyfluorinated or polyvinyl alcohol or viton.

Eye Protection: Safety goggles or face shield.

Other Protective Clothing or Equipment: Plastic apron.

Work/Hygienic Practices: Wash hands after use.

SECTION IX DOT SHIPPING INFORMATION

Proper Shipping Name: Consumer Commodity, Pressurized Aerosol Cans
Hazard Class: ORM-D

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication

Standard 29 CFR 1910.1200

Fire: 2
Health: 1
Reactivity: 0
Specific: 0

Identity: RITE-OFF PLASTI-GLASS CLEAN

CODE # E1651

SECTION I MANUFACTURER'S NAME & ADDRESS

RITE OFF INC
1545 5TH INDUSTRIAL COURT
BAY SHORE, NY 11706

Emergency Telephone: (516) 665-6868
Telephone number for information: (516) 665-6868
Preparation Date: 07/03/91
Signature of Preparer (optional)

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity)	OSHA PEL	ACGIH TLV	Other Limits- Recommended	Percentage (Optional)
Isopropyl Alcohol (67-63-0)	400 ppm TWA	400 ppm TWA	NA	< 10 %
2-Butoxyethanol (111-76-2)	50 ppm TWA	25 ppm TWA	NA	< 6 %
N-Butane (106-97-8)	800 ppm TWA	800 ppm TWA	NA	< 10 %
Propane (74-98-6)	1000 ppm TWA	1000 ppm TWA	NA	< 3 %

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (°F): > 41.7°F
Vapor Pressure @ 70°F: 65 psig
Vapor Density (Air = 1): > 1
Solubility in Water: Soluble
Appearance & Odor: White foamable spray with ammonia odor

Specific Gravity (H₂O = 1): < 1
Melting Point: NA
Evaporation Rate: (Butyl Acetate = 1): < 1

SECTION IV FIRE & EXPLOSION HAZARD DATA

Flash Point (°F): NA Flammability Limit: LET NA UEL NA

Extinguishing Media: Carbon dioxide, dry chemical, foam, and water fog

Special Firefighting Procedures: Self-contained respiratory protection should be provided for fireman fighting in buildings or confined areas.

Unusual Fire & Explosion Hazards: Aerosol cans are under pressure, exposure in excess of 120°F may cause bursting of can.

SECTION V REACTIVITY DATA

Stability: Stable
Conditions to Avoid: NA

Hazardous Polymerization: Will not occur
Conditions to Avoid: NA

Incompatibility (Material to avoid): Strong oxidizing agents and alkalies.

Hazardous Decomposition or Products: Burns to form CO and CO₂.