

Ecolab Center
St. Paul, Minnesota 55102

90291 *MATERIAL SAFETY DATA SHEET*

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MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026

PROFESSIONAL PRODUCTS ECOLAB INC.

370 WABASHA STREET NORTH

ST. PAUL MN 55102

Product Info: 1-800-247-5362

Date of Issue: January 4, 1999

1.0 IDENTIFICATION /

1.1 Product Name: ENDUST (AEROSOL)

1.2 Product Type: Aerosol Dusting Aid

1.3 Hazard Rating: Health 1 Fire 3 Reactivity 0

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

2.0 HAZARDOUS COMPONENTS /

2.1 Heavy naphtha 64742-48-9

2.2 Isobutane 75-28-5

		(mg/m3)	
	%	PEL	TWA
	20-25	No	No
	15-20	No	1900

PEL = OSHA 8 Hour Average in Air

TWA = ACGIH 8 Hour Average in Air

3.0 PHYSICAL DATA /

3.1 Appearance: Aerosol with citrus odor

3.2 Solubility in Water: Partial

3.3 pH: N/A

4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: Contents under pressure. Flammable.

4.2 Fire Fighting Methods: Carbon dioxide, dry chemical or foam.

Water may be ineffective - water may be used to keep fire-exposed containers cool.

4.3 Flash Point: -75 deg F (-24 deg C) (closed cup) on concentrate.

Propellant extremely flammable. To reduce flammability, shake well before using.

4.4 Flammable Limits: Lower: 1.8 Upper: 9.5

4.5 Level II Aerosol (NFPA 30B-90)

5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of handling.

5.2 Conditions to Avoid: Do not spray near fire or open flame. Do not store above 120 deg F. Exposure to sunlight or other heat may cause bursting.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

6.1 Cleanup: Remove or turn off all ignition sources. Ventilate. Avoid breathing vapors and remove with inert absorbent.

6.2 Waste Disposal: Do not puncture or incinerate container. Wrap empty container in newspaper and put in trash.

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7.0 HEALTH HAZARD DATA /

WARNING

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: May cause irritation, depending upon degree of exposure.

If Swallowed: Harmful or fatal if swallowed.

If Inhaled: Deliberate inhalation can be harmful or fatal.

Excessive airborne concentrations may cause breathing difficulties, dizziness or headaches.

8.0 FIRST AID /

8.1 Eyes: Flush immediately with plenty of cool running water. Remove contact lenses, if used and then flush again.

8.2 Skin: Flush skin with water, then wash with soap and water.

8.3 If Swallowed: Rinse mouth. Do NOT induce vomiting. In case of nausea or spontaneous vomiting, keep victim's head below hips. Never give anything by mouth to an unconscious person.

IF SWALLOWED OR IN CASE OF PERSISTENT EYE OR SKIN IRRITATION,
CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY

9.0 PROTECTIVE MEASURES /

9.1 FOR CONCENTRATE:

Respiratory: Avoid breathing mists or vapors containing product.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Purpose of 01/04/99 issue: Editorial update.

10.2 DOT Classification: ORM-D (AIR).

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