

AK 90291

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\*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

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**1.0 IDENTIFICATION /**

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**1.1 Product Name:** ENDUST (AEROSOL)

1.2 Product Type: Aerosol Dusting Aid

1.3 Hazard Rating: Health 1 Fire 3 Reactivity 0

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

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**2.0 HAZARDOUS COMPONENTS /**

(mg/m3)

		%	PEL	TWA
2.1 Heavy naphtha	64742-48-9	20-25	No	No
2.2 Isobutane	75-28-5	15-20	No	1900

PEL = OSHA 8 Hour Average in Air

TWA = ACGIH 8 Hour Average in Air

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**3.0 PHYSICAL DATA /**

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3.1 Appearance: Aerosol with citrus odor

3.2 Solubility in Water: Partial

3.3 pH: N/A

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**4.0 FIRE AND EXPLOSION DATA /**

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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)

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**5.0 REACTIVITY DATA /**

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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.

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**6.0 SPILL OR LEAK PROCEDURES /**      USE PROPER PROTECTIVE EQUIPMENT  
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- 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  
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- 7.1 Effects of Overexposure to Concentrate:  
Skin and Eyes: May cause irritation, depending upon degree of  
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exposure.  
If Swallowed: Harmful or fatal if swallowed.  
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If Inhaled: Deliberate inhalation can be harmful or fatal.  
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Excessive airborne concentrations may cause breathing difficulties,  
dizziness or headaches.

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**8.0 FIRST AID /**  
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- 8.1 Eyes: Flush immediately with plenty of cool running water. Remove  
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contact lenses, if used and then flush again.  
8.2 Skin: Flush skin with water, then wash with soap and water.  
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8.3 If Swallowed: Rinse mouth. Do NOT induce vomiting. In case of  
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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

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**9.0 PROTECTIVE MEASURES /**  
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- 9.1 FOR CONCENTRATE:  
Respiratory: Avoid breathing mists or vapors containing product.  
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**10.0 ADDITIONAL INFORMATION/PRECAUTIONS /**  
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- 10.1 Purpose of 01/04/99 issue: Editorial update.  
10.2 DOT Classification: ORM-D (AIR).