

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

ECOLAB INC Ecolab Center  
St. Paul MN 55102

Product Information: 1-612-293-2233  
Date of Issue: September 20, 1989

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1.0 IDENTIFICATION /

- 1.1 Product Name: ASSERT  
1.2 Product Type: Multipurpose Liquid Cleaner

++ Section 2 Provides SARA Section 313 Reporting Information ++

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2.0 HAZARDOUS COMPONENTS /

Air Limits (mg/m3)

- |                                      | %   | PEL  | Other |
|--------------------------------------|-----|------|-------|
| 2.1 Nonylphenol ethoxylate 9016-45-9 | 7.5 | None | UNK   |

This product contains no other component considered hazardous according to the criteria of 29 CFR 1910.1200.

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3.0 PHYSICAL DATA /

- 3.1 Appearance and Odor: Clear green liquid; lemon fragrance.  
3.2 Solubility in Water: Complete  
3.3 pH: 100% = 7.0-8.5; 1% = 7.0-8.0  
3.4 Boiling Point: >212 deg F      Specific Gravity: 1.015-1.045

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4.0 FIRE AND EXPLOSION DATA /

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

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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.

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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 and local authorities for restrictions on disposal of chemical waste.

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UNK = Unknown at this time      PEL = Permissible Exposure Limit  
TLV = Threshold Limit Value      STEL = Short Term Exposure Level  
C = Ceiling Limit, Not To Be Exceeded

7.0 HEALTH HAZARD DATA /

CAUTION

7.1 Effects of Overexposure:

Skin and Eyes: May cause irritation.

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

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8.0 FIRST AID /

8.1 Eyes: Flush immediately with plenty of cool running water. Remove contact lenses. Continue flushing for 15 minutes.

8.2 Skin: Flush skin with plenty of cool running water.

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.

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9.0 SPECIAL PROTECTION INFORMATION /

9.1 No requirements beyond standard industrial hygiene practices.

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10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 DOT Class: Not DOT regulated.

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.