

985580

MATERIAL SAFETY DATA SHEET

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: January 29, 1999

1.0 IDENTIFICATION /

1.1 Product Name: OASIS 299

1.2 Product Type: Institutional Bathroom Cleaner and Disinfectant
 Concentrate

1.3 Hazard Rating: Health - 3 Fire - 0 Reactivity - 0
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++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

2.0 HAZARDOUS COMPONENTS / (mg/m3)

	%	PEL	TWA
2.1 # Phosphoric acid 7664-38-2 (ACGIH STEL=1 ppm)	17.4	1	1
2.2 Citric acid 77-92-9	4.9	No	No
2.3 # Diethylene glycol butyl ether 112-34-5	8	No	No
2.4 Also contains water and a mixture of surfactants.	.		

STEL = 15 Minute Average

PEL = OSHA 8 Hour Average in Air

TWA = ACGIH 8 Hour Average

C = Ceiling Limit in Air; Do Not Exceed

3.0 PHYSICAL DATA /

3.1 Appearance: Clear magenta liquid; fresh fruity scent

3.2 Solubility in Water: Mixes with water in all proportions.

3.3 pH: 1.0-1.5 (100%); 2.0-3.0 (10%)

3.4 Initial Boiling Point: 212 deg F

3.5 Specific Gravity: 1.119-1.123

4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: None

4.2 Fire Fighting Methods: Does not support combustion.

5.0 REACTIVITY DATA /

- 5.1 Stability: Stable under normal conditions of handling.
- 5.2 Conditions to Avoid: Mix only with water. Reacts with metals; reacts vigorously with alkaline chemicals. Do not mix with chlorinated detergents or sanitizers - will cause hazardous vapors.
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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 small amounts or residue to sanitary sewer; rinse area thoroughly.
- 6.2 Waste Disposal: Consult state/local authorities for limits on chemical waste disposal. Unused product is RCRA Corrosive (D002).

7.0 HEALTH HAZARD DATA / DANGER

- 7.1 Effects of Overexposure to Concentrate:
- Skin and Eyes: Causes irreversible eye damage or skin burns.
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- If Swallowed: Harmful. Can cause chemical burns of the mouth, throat, and stomach.
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- If Inhaled: Harmful. Vapors cause irritation, including a burning taste, coughing, and difficulty breathing. Persons with asthma or other lung problems may be more affected.
- 7.2 Note: Not listed as a carcinogen by OSHA, IARC, or NTP.
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8.0 FIRST AID /

- 8.1 Eyes: Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart so as to rinse entire eye. CALL A PHYSICIAN IMMEDIATELY.
- 8.2 Skin: Immediately flush skin with plenty of cool running water for at least 15 minutes while removing contaminated clothing and shoes; discard or wash well before reuse.
- 8.3 If Swallowed: Rinse mouth at once; then drink 1 or 2 large glasses of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person.
- 8.4 If Inhaled: Immediately move to fresh air.
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IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,
A POISON CONTROL CENTER OR A PHYSICIAN

9.0 PROTECTIVE MEASURES /

9.1 CONCENTRATE:

Respiratory: Avoid breathing mists or vapors of this product.

Eyes: Use chemical splash goggles when handling concentrated

product.

Skin: Rubber gloves - protective cuff or gauntlet type preferred.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 Purpose of 01/29/99 issue: Add line 1.3, 7.2, correct section 2.

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.