

966259 MATERIAL SAFETY DATA SHEET
 MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026
 Medical Calls from Outside of the USA: 1-651-222-5352
 Airkem Professional Products Division of Ecolab Inc.
 370 WABASHA STREET NORTH
 ST. PAUL MN 55102
 Product Information: 1-800-247-5362 Issue Date: November 1, 1999

1.0 IDENTIFICATION /

1.1 Product Name: OMEGA

1.2 Product Type: Liquid Quaternary Detergent Disinfectant - EPA 42964-14
 1.3 Hazard Rating: Health: 3 Fire: 0 Reactivity: 0

Substances Subject to SARA 313 Reporting Are Indicated by "#"

2.0 HAZARDOUS COMPONENTS /

| | | | (mg/m3) | |
|--|--------------|-----|---------|-----|
| | CAS No. | % | PEL | TWA |
| 2.1 Quaternary ammonium chlorides | mixture | 12 | No | No |
| 2.2 Chelating agents | mixture | 1-5 | No | No |
| 2.3 Trisodium nitrilotriacetate (Na3NTA) | 5064-31-3 | <1 | No | No |
| 2.4 Nonionic surfactant | confidential | 1-5 | No | No |

PEL = OSHA 8 Hour Average in Air TWA = ACGIH 8 Hour Average in Air

3.0 PHYSICAL DATA /

3.1 Appearance: Green liquid; non-descript odor
 3.2 Solubility in Water: Mixes with water in all proportions.
 3.3 pH: 11.2 (100%); Use Solution pH: 9.4
 3.4 Initial Boiling Point: > 212 deg F
 3.5 Specific Gravity: 1.025 - 1.035

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: Do not mix with anything but water. Contact with anionic surfactants will reduce activity of product solutions.

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.

7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:
 Eyes: CAUSES CHEMICAL BURNS. May cause blindness.
 ++ Immediate water flushing is vital in case of eye contact ++
 Skin: Causes chemical burns if not immediately treated.
 If Swallowed: Harmful. May cause chemical burns to mouth throat and

stomach.

- 7.2 Note: Based on tests with laboratory animals, the NTP and IARC list NT would not be considered an occupational carcinogen of any practical significance. Known to the State of California to cause cancer.
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8.0 FIRST AID /

- 8.1 Eyes: Flush at once with cool running water. Remove contact lenses and continue flushing for 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 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.

IMMEDIATELY CALL THE MEDICAL EMERGENCY NUMBER, 1-800-328-0026,
A POISON CONTROL CENTER, OR A PHYSICIAN

9.0 PROTECTIVE MEASURES /

Eyes: Wear chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.

Skin: Wear any industrial rubber gloves, other protective equipment as necessary to prevent skin contact.

10.0 ADDITIONAL INFORMATION /

- 10.1 Avoid contamination of food or food products. Do not store with food products.
- 10.2 Purpose of 11/1/1999 issue: QC and editorial update. Replaces February 8, 1999 issue.

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.