

966051

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)

ECOLAB PROFESSIONAL PRODUCTS
 DIVISION OF ECOLAB INC.
 Ecolab Center, ST. PAUL, MN 55102

For Product Information,
 Call: 1-800-247-5362
 Date of Issue: July 29, 1997

1.0 IDENTIFICATION /**1.1 Product Name:** A-33

1.2 Product Type: Liquid Quaternary Detergent Disinfectant

1.3 Hazard Rating: Health 2 Fire 0 Reactivity 0

- - -

++ SARA 313 Toxic Chemicals, If present, Are Preceded By "#" ++

2.0 HAZARDOUS COMPONENTS /

(mg/m3)

	%	PEL	TWA
2.1 Alkyldimethylbenzylammonium chlorides 68391-01-5	3	No	No

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

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: 10.2 (100%); pH of use solution = 9.2

3.4 Initial Boiling Point: > 212 deg F

3.5 Specific Gravity: 1.0

4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: None

4.2 Fire Fighting Methods: Product 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.
Combining with anionic detergents will deactivate the product.
-

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. Rinse empty container thoroughly with water before discarding.

7.0 HEALTH HAZARD DATA / WARNING

- 7.1 Effects of Overexposure to Concentrate:
- EYES: May cause eye damage.

SKIN: May cause irritation.

IF SWALLOWED: Harmful. Causes irritation, stomach distress.

- 7.2 Note: Use solutions are not hazardous according to the criteria of OSHA at 29 CFR 1910.1200.
-

8.0 FIRST AID /

- 8.1 EYES: Immediately flush with plenty of cool running water. Remove

contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing the entire eye. Call a physician.
- 8.2 SKIN: Immediately flush skin with plenty of cool running water for

at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
- 8.3 IF SWALLOWED: Drink promptly a large quantity of milk, egg white

or gelatin solution or if these are not available, drink a large

quantity of water. Call a physician immediately.

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

9.0 PROTECTIVE MEASURES /

9.1 FOR CONCENTRATE:

Eyes: Use chemical splash goggles. For continued or severe

exposure, wear a face shield over the goggles.

Skin: Use any industrial rubber gloves.

9.2 USE SOLUTIONS prepared according to label instructions are not
considered hazardous according to criteria of 29 CFR 1910.1200.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 DOT: Not DOT Regulated.

10.2 Avoid contamination of food or food products. Do not store with
food products.

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.