

MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026

Medical Calls from Outside of the USA: 1-651-222-5352

PROFESSIONAL PRODUCTS ECOLAB INC.

370 WABASHA STREET NORTH

ST. PAUL MN 55102

Product Information: 1-800-247-5362

Issue Date: February 22, 2001

1.0 IDENTIFICATION /

1.1 Product Name: A-428-N

1.2 Product Type: Liquid Quat Detergent Disinfectant - EPA No 42964-30

1.3 Hazard Rating: Health: 3 Fire: 0 Reactivity: 0

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

2.0 HAZARDOUS COMPONENTS /

	CAS No.	%	PEL	TWA
2.1 Quaternary ammonium chloride compounds	mixture	5-20	No	No
2.2 Ethanol (ethyl alcohol)	64-17-5	1-5	1900	1880
2.3 Nonionic surfactant	2605-78-9	1-5	No	No

PEL = OSHA 8 hour average in airTWA = ACGIH 8 hour average in air

3.0 PHYSICAL DATA /

3.1 Appearance: Clear fluorescent yellow-green liquid; nondescript odor

3.2 Solubility in Water: Mixes with water in all proportions

3.3 pH: 7.6 - 8.0 (at 100%)

3.4 Initial Boiling Point: 212 deg F / 100 deg C

3.5 Specific Gravity: 0.999 @ 68 deg F / 20 deg C

4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: None, does not support combustion.

4.2 Fire Fighting Methods: Use method appropriate for surrounding fire.

5.0 REACTIVITY DATA /

5.1 Stability: Stable under normal conditions of use and handling.

5.2 Conditions to Avoid: Anionic surfactants reduce effectiveness of quat compounds. Mix only with water according to label directions.

6.0 SPILL OR LEAK PROCEDURES / WEAR PROPER PROTECTIVE EQUIPMENT

6.1 Cleanup: Dike or dam large spills. Pump to containers or soak up on inert absorbent. Flush residue or small spills to sanitary sewer.

6.2 Waste Disposal: Consult state/local authority for limits on chemical waste disposal. Do not reuse empty containers.

Product: A-428-N

PROFESSIONAL PRODUCTS ECOLAB INC.

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

=====

7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:

Eyes: Corrosive, causes chemical burns, permanent damage.

Skin: Causes severe irritation. Untreated contact may cause chemical burns.

If Swallowed: Harmful. May cause chemical burns of mouth, throat and stomach.

If Inhaled: Mists may cause irritation to mouth, throat, or lungs.

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. SEEK MEDICAL ATTENTION 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. Wash skin with soap and water.

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: If affected, move to fresh air.

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: Wear chemical splash goggles.

Skin: Wear any impervious glove. Wash well after handling product.

Respiratory: Avoid breathing mists or vapors of this product.

Note: Access to emergency eye wash is recommended.

10.0 ADDITIONAL INFORMATION /

10.1 Purpose of 2/22/2001 issue: Correct line 1.3; QC and editorial update. Replaces September 28, 1992 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.