

MEDICAL EMERGENCY ONLY, 24 HOUR SERVICE: 1-800-328-0026
Medical Calls from Outside of the USA: 612 292 4064 (USA)

AIRKEM PROFESSIONAL PRODUCTS
DIVISION OF ECOLAB INC.
Ecolab Center, ST. PAUL, MN 55102
Date of Issue: September 30, 1994

Product Information: Contact
your local Airkem distributor.
For local distributor telephone
number: Call 1-800-247-5362.

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1.0 IDENTIFICATION /

- 1.1 Product Name: VIVID CONCENTRATED GLASS CLEANER
1.2 Product Type: Window Cleaner Concentrate
1.3 Hazard Rating: Health 1 Fire 2 Reactivity 0

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

2.0 HAZARDOUS COMPONENTS /

		(mg/m3)		
		%	PEL	Other
2.1	# 2-Butoxyethanol (Skin) 111-76-2	24	240	121
2.2	Ethanol (ethyl alcohol) 64-17-5	18	1900	1880
2.3	This product does contain 24% glycol ether(s) for SARA 313 reporting purposes.			

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

UNK = Unknown at this time PEL = OSHA 8 Hour Average
STEL = 15 Minute Average C = Ceiling Limit; Do Not Exceed

3.0 PHYSICAL DATA /

- 3.1 Appearance: Clear blue liquid; glycol ether/alcohol odor.
3.2 Solubility in Water: Complete
3.3 100% pH: 7.5 Use Solution pH: 7.0
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: Heat will cause some release of flammable vapors.
4.2 Fire Fighting Methods: Product does not support combustion.
4.3 Flash Point: 101 deg F (closed cup) due to ethanol content.

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.
5.3 Store in a cool place away from heat, sparks or open flame.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

- 6.1 Cleanup: Eliminate all sources of ignition immediately. 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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7.0 HEALTH HAZARD DATA /

WARNING

7.1 Effects of Overexposure to Concentrate:

SKIN: Contact with concentrate causes irritation. See Line 7.2

EYES: Causes eye irritation.

IF SWALLOWED: Harmful; see Line 7.2

IF INHALED: Irritating to airways and lungs, depending upon amount and duration of exposure. People with asthma or other lung problems may be more susceptible.

7.2 Note: In rats and mice heavy doses of 2-butoxyethanol damage red blood cells, which in turn can injure the liver, kidney and spleen. Such effects have not been observed in humans.

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. Wash thoroughly with soap and 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.

9.0 PROTECTIVE MEASURES /

9.1 FOR CONCENTRATE:

Respiratory: Ventilate to maintain exposure below limits.

When handling the concentrated product, wear rubber gloves and eye protection such as splashproof glasses.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

10.1 DOT: Not DOT Regulated under 110 gal.

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.