



Ecolab Inc.

Ecolab Center  
St. Paul, Minnesota 55102

46654 MATERIAL SAFETY DATA SHEET: USA Page 1 of 2  
MEDICAL EMERGENCIES ONLY (24 Hour Service): 1-800-328-0026  
Medical Calls from Outside of the USA: 1-651-222-5352  
ECOLAB FOOD & BEVERAGE DIVN.  
Ecolab Center St. Paul MN 55102  
Product Information: 1-800-392-3392 Issue Date: July 1, 2001

1.0 IDENTIFICATION /

1.1 Product Name: FILTRA PURE ACID CLEANER

1.2 Product Type: Acid Cleaner

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.	%	(in mg/m3) PEL	TWA
2.1 Sodium sulfate	7757-82-6	>50	No*	No*

\*Note: For nuisance particulates (in mg/m3):  
ACGIH TWA = 10 inhalable and/or 3 respirable;  
OSHA PEL = 15 total and/or respirable.

2.2 Sulfamic acid	5329-14-6	20-50	No	1
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Supplier recommendation

2.3 Organic acid	77-92-9	5-20	No	No
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PEL = OSHA 8 hour average in air TWA = ACGIH 8 hour average in air

3.0 PHYSICAL DATA /

3.1 Appearance: White to off white powder, may contain tan/brown particles and/or gray/black particles

3.2 Solubility in Water: Appreciable

3.3 pH: 1.5-2.3 (at 1%)

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: Dilute product by slowly adding to water.  
Reacts with metals; reacts vigorously with alkaline chemicals. Do not mix with chlorinated products - will cause hazardous vapors.

6.0 SPILL OR LEAK PROCEDURES / WEAR PROPER PROTECTIVE EQUIPMENT

6.1 Cleanup: Pick up without raising dust. Flush area with water.

6.2 Waste Disposal: Consult state/local authority for limits on chemical waste disposal.



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7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:

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

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

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

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

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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. 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.

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.

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

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9.0 PROTECTIVE MEASURES /

9.1 FOR CONCENTRATE:

Eyes: Wear chemical splash goggles.

Skin: Wear any impervious glove.

Respiratory: Avoid breathing dusts or mists of this product.

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10.0 ADDITIONAL INFORMATION /

10.1 Purpose of 7/1/2001 issue: QC change, update format.  
Replaces August 27, 1997 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 in the country of origin. As data,