

983668-01

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)

KLENZADE, Div. of Ecolab Inc. Product Information: 1-612-451-4255
Ecolab Ctr. St. Paul MN 55102 Date of Issue: November 2, 1994

1.0 IDENTIFICATION /**1.1 Product Name:** CUTTER ACID

1.2 Product Type: Acid cleaner

++ SARA 313 Toxic Chemicals, If Present, Are Preceded by "#" ++

2.0 HAZARDOUS COMPONENTS / (mg/m3)

	%	PEL	Other
2.1 Sulfamic Acid 5329-14-6	97	None	1*

*(Supplier recommendation)

2.2 This product contains no other components 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: Blue free-flowing powder; low odor

3.2 Solubility in Water: Complete

3.3 pH: (1%) 1.7

4.0 FIRE AND EXPLOSION DATA /

4.1 Special Fire Hazards: High temperatures may generate hazardous decomposition products including ammonia or oxides of sulfur.

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: Mix only with water. Reacts with some metals; reacts vigorously with alkaline chemicals. Do not mix with chlorinated detergents or sanitizers - will cause hazardous vapors.

6.0 SPILL OR LEAK PROCEDURES / USE PROPER PROTECTIVE EQUIPMENT

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

6.2 Waste Disposal: Consult state and local authorities for restrictions on disposal of chemical waste.

7.0 HEALTH HAZARD DATA /

DANGER

7.1 Effects of Overexposure to Concentrate:

Skin and Eyes: Can cause severe irritation, possible chemical

burns.

If Swallowed: Harmful. Can cause chemical burns of mouth, throat

and stomach.

7.2 The oral LD 50 (rat) is 1600 mg/kg for technical sulfamic acid.

8.0 FIRST AID /

8.1 Eyes: Flush at once with cool running water. Remove contact

lenses; continue flushing at least 15 minutes, holding eyelids
apart to ensure rinsing of 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.
Wash clothing before reuse.

8.3 If Swallowed: Rinse mouth at once; then drink 1 or 2 large glasses

of water or milk. DO NOT induce vomiting. NEVER give anything by
mouth to an unconscious person.

8.4 If Inhaled: Immediately move to fresh air.

IMMEDIATELY CALL A POISON CONTROL CENTER, A PHYSICIAN OR
THE ECOLAB 24-HOUR MEDICAL EMERGENCY NUMBER (1-800-328-0026)

9.0 PROTECTIVE MEASURES /

9.1 CONCENTRATE:

Respiratory: Avoid breathing dusts or mists of this product.

Eyes: Use chemical splash goggles. For continued or severe

exposure wear a face shield over the goggles.

Skin: Rubber gloves - protective cuff or gauntlet type preferred.

10.0 ADDITIONAL INFORMATION/PRECAUTIONS /

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.

