

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: CL-130

MSDS NUMBER: 32102CL130

PRODUCT CODE: CLEANER

MSDS DATE: 3/21/02

KEY NUMBER: CL-130

EMERGENCY PHONE #'s: 800-255-3924 (CHEMTEL)



Advanced Chemical Technology, Inc.

10743 Edison Court • Rancho Cucamonga, CA 91730 USA

Ph: 1-800-527-9607 / Fax: 1-909-980-9366

Web: <http://www.actglobal.net> Email: act@actglobal.net

HEALTH	1	Slightly Hazardous
FIRE	0	Will Not Burn
REACTIVITY	0	Stable
SPECIFIC		-

1. IDENTIFICATION

See Addendum: Ref. PAGE:

Chemical Name: CL-130

Chemical Family: ORGANIC ACIDS

CAS #: 5329-14-6

Chemical Formula: HSO₃NH₂

CAS Name: SULFAMIC ACID

Molecular Weight: 97

Synonyms / Common Name: Crystalline Sulfamic, Amidosulfonic acid, amidosulfuric acid

DOT Information: CORROSIVE, CLASS 8

2. PHYSICAL DATA

See Addendum: Ref. PAGE:

Appearance: Small granules or crystals

Color: White

State: Powder or crystals

Odor Characteristics: Odorless

pH: 1.18 in 1% aqueous solution

Viscosity: NE

Specific Gravity (Water = 1): 2.13

Vapor Density (Air = 1): Not Volatile

Vapor Pressure: Not Volatile

Melting Point: 401 F

Boiling Point: 760 mm Hg

Flash Point: NA

Freezing Point: NE

Percent Volatility: NA

Evaporation Rate (BAc = 1): Not Volatile

Solubility in Water: 17.5% by wt. @ 68F

Solubility in Oil: ND

Solubility in Acetone: ND

3. INGREDIENTS

See Addendum: Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Sulfamic Acid	5329-14-6	Sulfamic Acid	(LD50) 3160 mg/kg (Rat)	99.5

4. FIRE AND EXPLOSION HAZARD DATA

See Addendum: Ref. PAGE:

Flash Point: NA

Flammable Limits in Air % by volume: Lower NA
Upper NA

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical

Special Fire Fighting Procedures: Use self-contained breathing apparatus and full protective equipment. Water solutions of sulfamic acid are strongly acidic.

Unusual Fire & Explosion Hazards: May release sulfur dioxide, sulfur trioxide, and ammonia during a fire.

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5. HEALTH HAZARD DATA See Addendum:

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Threshold Limit Value: (LD50) 3160 mg/kg (Rat) GRAS under section 409, 21CFR 182.90 OSHA TWA: 5 ppm**Effects of Overexposure:****Inhalation:** Irritant to mucous membranes and respiratory system.**Skin Contact:** May cause corrosive action on contact with skin. May cause a more serious response if confined to the skin or if the skin is abraded. A single prolonged exposure is not likely to result in harmful quantities being absorbed.**Eye Contact:** Severe irritation to eyes, may cause burns.**Ingestion:** Irritant to mucous membranes and digestive tract.**Delayed Effects:** Not Known**Medical Conditions Aggravated by Exposure** Not Known**6. FIRST AID MEASURES** See Addendum:

PAGE #:

Inhalation: If breathing stops, give artificial respiration. Call a physician immediately.**Skin Contact:** Immediately wash skin with lots of soap and water. Remove contaminated clothing and shoes, wash before reuse. Get medical attention if irritation persists after washing.**Eye Contact:** Immediately flush the eyes with large quantities of running water for a minimum of 15 minutes. Obtain medical attention.**Ingestion:** Do not induce vomiting. If conscious, immediately give large quantities of water. Call a physician or the nearest Poison Control Center.**NOTES TO PHYSICIAN:** Treat Symptomatically**7. REACTIVITY DATA** See Addendum:

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Stability: Stable**Incompatibility:** Nitrite, Nitrates, Chlorites and Sulfides.
(materials to avoid)**Hazardous Combustion or Decomposition Products** Decomposes with heat at 480F to release sulfur dioxide, sulfur trioxide, nitrogen, and ammonia gases.**Hazardous Polymerization:** Will not occur.**Conditions to Avoid:** Warm, moist environments.**8. SPILL OR LEAK PROCEDURES** See Addendum:

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Actions to take for Leaks & Spills Promptly shovel up dry chemical into an empty container and cover. Flush spill area with water. Dissolve and neutralize with sodium carbonate if necessary.**Waste Disposal Method:** Use D.O.T. approved containers for waste disposal. Dispose of all waste according to Federal, State, and Local regulations.



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9. SPECIAL PROTECTION INFORMATION

See Addendum:

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Respiratory Protection: NIOSH approved respirator in the absence of adequate environmental controls at the point of use.

Eye Protection: Chemical goggles and face shield.

Skin Protection: Rubber gloves.

Other Clothing: Rubber apron and protective clothes.

Other Equipment: Eye wash station

Engineering Controls: Normal

10. HANDLING AND STORAGE

See Addendum:

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Special Precautions: Keep in tightly closed, dry container. Use only clean, dry utensil in handling, protect packages from damage. Do not store or mix with cyanides, sulfides, chlorine, hypochlorous acid or hypochlorites.

Other Precautions: A safety shower should be nearby and ready for use.

11. REGULATORY INFORMATION

See Addendum:

Ref. PAGE:

Workplace Classification: White (Corrosive)

12. TOXICOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Acute Data: NE

**Reproductive /
Teratology Data** NE

13. ECOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Fate in the Environment: ND

14. DISPOSAL CONDITIONS

See Addendum:

Ref. PAGE:

Procedures: Dispose of all waste according to Federal, State, and Local regulations.

15. TRANSPORTATION INFORMATION

See Addendum:

Ref. PAGE:

DOT Classification: Corrosive, Solid, DOT, Class 8, UN 2967, PG III

Warning Labels: CORROSIVE



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ADDENDUM for Section - Other Information

California Proposition 65 Status- This product does not contain chemicals currently on the California list of known carcinogens and/or reproductive toxins.

ADDENDUM for Section - Other Information

NA = Not Applicable

ND = Not Determined

NE = Not Established

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ADDENDUM for Section -