

MATERIAL SAFETY DATA SHEET

PAGE #: 1 OF 4

PRODUCT NAME: CT-810

MSDS NUMBER: 031502CT810

PRODUCT CODE: Cleaner

MSDS DATE: 12/06/2004

KEY NUMBER: CT-810

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



Advanced Chemical Technology, Inc.

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

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

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

See Addendum:

Ref. PAGE:

Chemical Name: CT-810

Chemical Family: Alkaline Cleaner

CAS #: Mixture

Chemical Formula: Mixture

CAS Name: Mixture

Molecular Weight: Mixture

Synonyms / Common Name: Alkaline Cleaner, Closed Loop Cleaner

DOT Information: Non-Regulated Water Treatment Compound

2. PHYSICAL DATA

See Addendum:

Ref. PAGE:

Appearance: Brown liquid

Color: Brown

State: Liquid

Odor Characteristics: Sweet

pH: ND

Viscosity: ND

Specific Gravity (Water = 1): 1.0

Vapor Density (Air = 1): <1

Vapor Pressure: ND

Melting Point: NA

Boiling Point: >212

Flash Point: NA

Freezing Point: ND

Percent Volatility: ND

Evaporation Rate (BAC = 1): <1

Solubility in Water: Complete

Solubility in Oil: ND

Solubility in Acetone: ND

3. INGREDIENTS - HAZARDOUS

See Addendum:

Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Sodium hydroxide solution	1310732	Sodium hydroxide solution	2.0 mg/M3 for 15 minutes	

4. FIRE AND EXPLOSION HAZARD DATA

See Addendum:

Ref. PAGE:

Flash Point: NA

Flammable Limits Lower NA
in Air % by volume: Upper

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

Special Fire Fighting Procedures: Fire fighters should have available self-contained breathing apparatus and full protective clothing.

Unusual Fire & Explosion Hazards: Irritating vapors may be emitted during a fire.

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5. HEALTH HAZARD DATA See Addendum:

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Threshold Limit Value: 2.0 mg/M3 for 15 minutes**Effects of Overexposure:****Inhalation:** Mists may cause damage to the upper respiratory tract and even to the lung tissue proper.**Skin Contact:** Vapors will irritate the skin. Direct skin contact may irritate and possibly burn tissue.**Eye Contact:** Vapors will irritate the eyes. Liquids and mists can severely irritate or damage the eyes and cause corneal burns.**Ingestion:** Vapors, mists, and liquids are extremely corrosive to the mouth and throat.**Delayed Effects:** May cause irritation or redness 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.**Medical Conditions Aggravated by Exposure** Persons with pre-existing skin disorders, eye problems, or impaired respiratory functions may be more susceptible to the effects of this substance.**6. FIRST AID MEASURES** See Addendum:

PAGE #:

Inhalation: If breathing stops, give artificial respiration. Call a physician immediately.**Skin Contact:** Immediately remove clothing under a safety shower. Flush all affected areas with large amounts of water for at least 15 minutes.**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 immediately.**NOTES TO PHYSICIAN:** None**7. REACTIVITY DATA** See Addendum:

PAGE #:

Stability: Stable**Incompatibility:** Acids, oxidizing materials, halogen compounds.
(materials to avoid)**Hazardous Combustion or Decomposition Products** Not Known**Hazardous Polymerization:** Will not occur**Conditions to Avoid:** Do not mix with other industrial chemicals.**8. SPILL OR LEAK PROCEDURES** See Addendum:

PAGE #: 4

Actions to take for Leaks & Spills For small spills mop or wipe up. For large spills, contain by diking with soil or other absorbent material. Keep out of sewers, drains, surface waters, and soil.**Waste Disposal Method:** Dilute acid (preferably acetic acid) may be used to neutralize the final traces immediately after flushing. 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: Ref. PAGE:

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: None

Engineering Controls: Normal

10. HANDLING AND STORAGE

See Addendum: Ref. PAGE:

Special Precautions: Local mechanical exhaust ventilation capable of maintaining emissions at the point of use below the PEL

Other Precautions: Avoid storing in areas of high heat Keep from freezing

11. REGULATORY INFORMATION

See Addendum: Ref. PAGE: 4

Workplace Classification: SAF-T-DATA(TM) Storage Color Code: WHITE STRIPE (store separately)

12. TOXICOLOGICAL INFORMATION

See Addendum: Ref. PAGE:

Acute Data: None

Reproductive / Teratology Data: None

13. ECOLOGICAL INFORMATION

See Addendum: Ref. PAGE:

Fate in the Environment: ND

14. DISPOSAL CONDITIONS

See Addendum: Ref. PAGE:

Procedures: Dilute acid (preferably acetic acid) may be used to neutralize the final traces immediately after flushing. Use D.O.T. approved containers for waste disposal. Dispose of all waste according to Federal, State, and Local regulations.

15. TRANSPORTATION INFORMATION

See Addendum: Ref. PAGE:

DOT Classification: Non-Regulated Water Treatment Compound, N.O.S., 8,
UN 1719, PG II
(sodium hydroxide, liquid)

Warning Labels:



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ADDENDUM for Section - 8. SPILL OR LEAK PROCEDURES - Ref. Pg. 2

Under the Resource Conservation and Recovery Act (RCRA), it is the responsibility of the user to determine whether a substance should be classified as a hazardous waste at the time of disposal. This is due to the fact that product use, transformation, synthesis, mixtures, etc. may change the nature of the product.

ADDENDUM for Section - 11. REGULATORY INFORMATION - Ref. Pg. 3

CERCLA Status- Reportable Quantity for sodium hydroxide: 1000 lbs.

SARA/Title III- Section 304 Emergency Notification Reporting: This product contains a Section 304 listed hazardous substance for emergency release notification. No Threshold Planning Quantity.

SARA/Title III- Section 313 Toxic Chemical Release Reporting: This product does not contain a Section 313 listed toxic chemical subject to release reporting requirements.

TSCA Inventory status: All chemical components are listed on TSCA inventory.

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

ADDENDUM for Section - Other Information

NA = Not Applicable

ND = Not Determined

NE = Not Established

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