

MATERIAL SAFETY DATA SHEET

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PRODUCT NAME: CL-190

MSDS NUMBER: 53102CL170

PRODUCT CODE: COIL CLEANER

MSDS DATE: 5/31/02

KEY NUMBER: CL-190

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



Advanced Chemical Technology, Inc.

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

1. IDENTIFICATION See Addendum: Ref. PAGE:

Chemical Name: CL-190
Chemical Family:
CAS #: MIXTURE **Chemical Formula:** MIXTURE
CAS Name: MIXTURE **Molecular Weight:** MIXTURE
Synonyms / Common Name: COIL CLEANER
DOT Information: DOT Non-Regulated WaterTreatment Liquid Compound

2. PHYSICAL DATA See Addendum: Ref. PAGE:

<p>Appearance: Clear Light Yellow Liquid Color: Light Yellow State: Liquid Odor Characteristics: Mild pH: 5.5 Viscosity: ND Specific Gravity (Water = 1): 1.11 Vapor Density (Air = 1): ND Vapor Pressure: ND</p>	<p>Melting Point: NA Boiling Point: > 212 F Flash Point: NA Freezing Point: ND Percent Volatility: ND Evaporation Rate (BAc = 1): < 1 Solubility in Water: MISCIBLE Solubility in Oil: ND Solubility in Acetone: ND</p>
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3. INGREDIENTS - HAZARDOUS See Addendum: Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
	6419-19-8		Not Established	Proprietary

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: Containers can build up pressure if exposed to heat (fire). Use water spray to cool fire exposed surfaces and to protect personnel. As in any fire, wear self-contained breathing apparatus pressure demand and full protective gear.

Unusual Fire & Explosion Hazards: Dried residue can thermally decompose, potentially giving off irritating and toxic fumes.

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5. HEALTH HAZARD DATA See Addendum:

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Threshold Limit Value: None Established**Effects of Overexposure:****Inhalation:** May cause irritation of upper respiratory passages.**Skin Contact:** May cause skin irritation. 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:** May cause eye irritation.**Ingestion:** Low order of toxicity. May cause nausea, vomiting, stomach cramps, and diarrhea.**Delayed Effects:** Not Known**Medical Conditions Aggravated by Exposure:** None Known**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. Obtain medical attention if irritation persists.**Eye Contact:** Immediately flush the eyes with large quantities of running water for a minimum of 15 minutes. Obtain medical attention.**Ingestion:** If conscious, give large quantities of water. Call a physician or the nearest Poison Control Center.**NOTES TO PHYSICIAN:** Treat Symptomatically.**7. REACTIVITY DATA** See Addendum:

PAGE #:

Stability: Stable**Incompatibility:** Avoid contact with strong oxidizing agents.
(materials to avoid)**Hazardous Combustion or Decomposition Products:** Phosphines, CO, CO₂, and Oxides of Nitrogen.**Hazardous Polymerization:** Will not occur.**Conditions to Avoid:** Do not mix with other industrial chemicals.**8. SPILL OR LEAK PROCEDURES** See Addendum:

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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. Squeegee and collect or vacuum spillage and place in containers for reuse or disposal. Flush spill area with water.**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: None

Engineering Controls: Normal

10. HANDLING AND STORAGE

See Addendum:

Ref. PAGE:

Special Precautions: Do not get in eyes, on skin, or on clothing.

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

11. REGULATORY INFORMATION

See Addendum:

Ref. PAGE: 4

Workplace Classification: NA

12. TOXICOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Acute Data: ND

**Reproductive /
Teratology Data** NE

13. ECOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Fate in the Environment: NE

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: DOT Non-Regulated
Water Treatment Compound

Warning Labels: NONE



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

RCRA STATUS: No RCRA Listed Hazardous Constituents

CERCLA STATUS: Not Regulated.

SARA/TITLE III- Section 304 Emergency Notification Reporting- This product does not contain a Section 304 listed hazardous substance for emergency release notification.

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 the 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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ADDENDUM for Section -