

Safety Data Sheet

Section 1

Product and Company Identification

Manufacturer

Advanced Fluid Technologies, Inc.
P.O. Box 505
Jackson, MI 49204
United States of America
Phone: 517-796-9737 Fax: 517-796-9738

Emergency Phone Numbers

847-285-1888 Normal Business Hrs.
USA & Canada Chemtrec 800-424-9300
International Chemtrec 703-527-3887

Recommended Usage: Water Based Lubricant

Other Identifier: Coolant, Concentrate

Product Name: Super Cool 200CL

Section 2

Hazards Identification

Classification of the Mixture: Clear or slight hazy golden liquid. Amine like odor.

Most Important Hazards: Causes skin and eye irritation.

Hazard Classification:

Causes eye irritation – Category 2A

Causes mild skin irritation – Category 2

Signal Word: Warning

Pictograms:



Precautionary Statements:

Inhalation - Avoid breathing dust/fume/gas/mist/vapors/spray. Keep container tightly closed. Use only with adequate ventilation.

Skin – Wash thoroughly after handling. If skin irritation occurs, get medical attention.

Eyes - Avoid contact with eyes. If in eyes, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing and wash hands after handling.

Ingestion – Harmful if swallowed do not induce vomiting.

Classification complies with OSHA Hazard Communication Standard(29 CFR 1910.1200) and is consistent with provisions of GHS.

Quantity of Ingredients with Unknown Acute Toxicity: <1.0%

Section 3

Composition Information on Ingredients

Ingredient

Triethanolamine

WT %

>10

CAS #

102-71-6

Section 4 First Aid Measures

Eyes: Flush eyes with running water for at least 15 minutes. If redness, burning, blurred vision or irritation persists, transport to nearest medical facility for additional treatment.

Skin: Flush skin with water, wash with soap and water. If irritation occurs, get medical attention. Remove contaminated clothing. Do not reuse clothing until cleaned. If material is injected under the skin, transport to the nearest medical facility for additional treatment. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.

Ingestion: Do NOT induce vomiting and obtain medical attention. Have victim rinse mouth out with water. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give oxygen with rescue breathing or CPR as required and transport to the nearest medical facility.

Section 5 Fire Fighting Measures

Flammable Properties:

Flash point: none (ASTM D56) Flammable limits in air: N/A Auto ignition temperature: N/A

Extinguishing media: CO₂, dry chemical, foam

Special firefighting measure:

The material as received will not support combustion, however its residues may; therefore, procedures for an oil fire should be followed. Use self-contained breathing apparatus. Use foam or dry chemical to extinguish fire. Water may be used only to keep surrounding containers cool. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Section 6 Accidental Release Measures

- Eliminate ignition sources and ventilate area.
- Absorb spillage with inert absorbent material.
- Contain spill and keep from entering waterways or sewers.
- Advise EPA/state agency if required.
- Use proper personal protective equipment for clean-up.
- Treat contaminated absorbent same as spilled product.

Section 7 Handling and Storage

Handling and Storage Precautions: Avoid heat, open flames, including pilot lights, and strong oxidizing agents. Use explosion-proof ventilation to prevent vapor accumulation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Have appropriate fire extinguishers and spill clean-up equipment in or near storage area.

Work/Hygienic Practices: Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet. Launder contaminated clothing before reuse. Properly dispose of contaminated leather articles such as shoes or belts that cannot be decontaminated. Contaminated leather articles including shoes cannot be decontaminated and should be destroyed to prevent reuse.

Section 8 Personal Protection/ Exposure Controls

Engineering Controls: Use adequate ventilation to keep vapors and mists of this material below applicable standards. Recommended work place control parameters - based on triethanolamine ACGIH TWA 5 mg/m³.

Respiratory Protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of the OSHA Respiratory Protection Standard, 29 CFR 1910.134.

Skin Protection: Use protective clothing that is chemically resistant to this product. Acceptable materials for gloves and aprons are: neoprene, nitrile rubber or viton.

Eye Protection: Use safety glasses or goggles. Have suitable eye wash water available.

Other/General Protection: For mists and vapors: Air Purifying, organic vapor cartridge, NIOSH approved respirator. Use self-contained breathing apparatus for environments with unknown concentrations or emergency situations.

Chemical Name

OSHA TWA (mg/m³)

ACGIH TWA (mg/m³)

Triethanolamine

5

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Section 9		Physical and Chemical Properties	
Color:	Golden	Vapor Pressure:	N/A
Appearance:	Clear Liquid	% Volatile by Volume:	>50% as water
Odor:	Characteristic	Vapor Density (air = 1):	>1
Boiling Point:	>212° F	Reactivity in Water:	Non-reactive
pH @ 10:1	9.50	Viscosity:	N/A
		Solubility in Water:	Complete
		Evaporation Rate (Butyl Acetate = 1):	1
		Specific Gravity:	1.038

Section 10		Stability and Reactivity	
Stability:	Stable	Conditions to avoid:	Sources of ignition.
		Incompatibility:	Strong oxidizing or reducing agents.
Decomposition Products:		Hazardous Polymerization:	
		Oxides of Carbon, Nitrogen and Hydrogen. Will not occur.	

Section 11		Toxicological Information	
Likely Routes of Exposure: Inhalation, skin, eyes and ingestion.			
Potential Health Effects:			
Eye Effects: This mixture can cause irritation, redness to the eyes.			
Skin Effects: Prolonged and/or repeated skin contact may cause irritation/dermatitis.			
Oral Effects: Harmful if swallowed. May cause burns to mouth and esophagus. Gastrointestinal tract irritation, nausea and vomiting.			
Inhalation Effects: Harmful if inhaled. May cause respiratory tract irritation.			
Chronic Health Effects: Primary target organs following repeated exposure are eyes, skin, lungs, liver and kidneys.			
Mutagenicity: Negative			
Carcinogenicity: This mixture does not contain any component that is listed as a carcinogenic or a potential carcinogen by the National Toxicology Program, by the I.A.R.C. monographs or by OSHA.			
Teratogenicity: Negative.			
Sensitization: Negative.			
Toxicological Data: No data available or estimated			

Section 12 Ecological Information	
Not classified due to inadequate data available on this mixture. Recommend avoidance of release to the environment.	

Section 13		Disposal Considerations	
Avoid release to the environment. Dispose in a safe manner in accordance with national, state and local regulations. Not a RCRA hazardous waste if uncontaminated. If “used” RCRA criteria must be determined. Dispose of container by recycling or if permitted incineration.			

Section 14		Transportation Information	
Proper Shipping Name: Detergents, Soaps			
Shipping Class: 65			
Dot Identification Number: N/A			
Dot Shipping Label: Not regulated by DOT.			
TDG Classification: Not controlled under TDG (Canada).			

Section 15 Regulatory Information

U.S. Federal Regulatory Information:

SARA 302 Threshold Planning Quantity: N/A

SARA 304 Reportable Quantity: N/A

SARA 311 Categories:

Acute Health Effects:	Yes
Chronic Health Effects:	None
Fire Hazard:	No
Sudden Release of Pressure Hazard:	No
Reactivity Hazard:	No

EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA inventory of chemicals.

EPA Hazard Classification Code: Not applicable

CERCLA: No chemicals in this product are subject to the reporting requirements of CERCLA.

SARA Title III - Section 313 Supplier Notification: No Chemicals in this product exceed the DE Minimus reporting level established by SARA Title III, Section 313 and 40 CFR 372.

WHMIS Classification: WHMIS controlled. Class D; Division 2, Subdivision B: otherwise causing toxic effects.

Other Regulations: All components of this formulation are listed on the CEPA-DSL (Domestic Substance List)

Section 16 Other Information

NFPA Hazard Rating:

Health:	1	Slight
Flammability:	0	Negligible
Reactivity:	0	Negligible

SDS Date Prepared: 9/2/2017

SDS Revision Date: 9/10/2017

*Threshold Limit Value/Personal Exposure Limit

N/A = Not Applicable

N/E = Not Established

Disclaimer of Express or Implied Warranties

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