

MATERIAL SAFETY DATA SHEET

PAGE #: 1 OF 4

PRODUCT NAME: ACT CAF-100

MSDS NUMBER: 120400CAF100

PRODUCT CODE: Cooling Water Antifoam

MSDS DATE: 12/14/2000

KEY NUMBER: CAF-100

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



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HEALTH	1	Normal material
FIRE	0	Will Not Burn
REACTIVITY	0	Stable
SPECIFIC		-

1. IDENTIFICATION

See Addendum:

Ref. PAGE:

Chemical Name: ACT CAF-100

Chemical Family: Organosilicone emulsion

CAS #: NA

Chemical Formula: Mixture

CAS Name: NA

Molecular Weight: Mixture

Synonyms / Common Name: Cooling Water Antifoam

DOT Information: Non-DOT Regulated

2. PHYSICAL DATA

See Addendum:

Ref. PAGE:

Appearance: Milky white liquid

Color: Milky white

State: Liquid

Odor Characteristics: Mild sweet

pH: 7.0-8.5

Viscosity: ND

Specific Gravity (Water = 1): 1.00

Vapor Density (Air = 1): >1.0

Vapor Pressure: <20 mm Hg @ 68 F

Melting Point: NA

Boiling Point: Approx 212 °F

Flash Point: None

Freezing Point: ND

Percent Volatility: NA

Evaporation Rate (BAC = 1): <1

Solubility in Water: Dispersible

Solubility in Oil: ND

Solubility in Acetone: ND

3. INGREDIENTS

See Addendum:

Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Triethanolamine	102-71-6	Triethanolamine	5 mg/m3	<5
Hydrophobic silica	67762-90-7	Hydrophobic silica	6 mg/m3	<10

4. FIRE AND EXPLOSION HAZARD DATA

See Addendum:

Ref. PAGE:

Flash Point: >200 F

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

Extinguishing Media: Water, foam, dry chemical, or carbon dioxide for fires in storage area

Special Fire Fighting Procedures: Keep containerr cool with water spray. Fire fighters should have available self contained breathing apparatus and full protective clothing

Unusual Fire & Explosion Hazards: Drums heated by fire can rupture

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5. HEALTH HAZARD DATA See Addendum:**PAGE #:**

Threshold Limit Value: NE

Effects of Overexposure:

Inhalation: Mists and vapors may be irritating to mucous membranes.

Skin Contact: May cause slight irritation with prolonged contact

Eye Contact: May cause slight irritation of eyes

Ingestion: LD50 not established, effects include headache, nausea and fatigue

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 remove affected clothing. Wash with soap and water, Obtain medical attention if irritation develops.

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes and obtain medical attention.

Ingestion: Drink 2 to 3 glasses of water for dilution and obtain medical attention

NOTES TO PHYSICIAN: None

7. REACTIVITY DATA See Addendum:**PAGE #:**

Stability: Stable

Incompatibility: Strong oxidizers, alkalis, and amines
(materials to avoid)

Hazardous Combustion or Decomposition Products: Carbon and silicon oxides upon combustion

Hazardous Polymerization: Will not occur

Conditions to Avoid: Do not mix with other industrial chemicals.

8. SPILL OR LEAK PROCEDURES See Addendum:**PAGE #:**

Actions to take for Leaks & Spills: For small spills, flush to sanitary sewer. For large spills, squeegee and collect or vacuum spillage and place in containers for reuse or disposal. Flush spill area with water.

Waste Disposal Method: Dispose of at an approved chemical waste reprocessing facility. Small quantities may be disposed of to sanitary sewer. NOTE: Dispose of all wastes in accordance with federal, state, and local regulations.



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MATERIAL SAFETY DATA SHEET PAGE #: 3 OF 4

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9. SPECIAL PROTECTION INFORMATION

See Addendum:

Ref. PAGE:

Respiratory Protection: Not normally required, use with adequate ventilation

Eye Protection: Goggles or safety glasses recommended

Skin Protection: Rubber gloves

Other Clothing: Long sleeved shirt, rubber apron, and boots

Other Equipment: Safety/eye wash nearby

Engineering Controls: Adequate ventilation

10. HANDLING AND STORAGE

See Addendum:

Ref. PAGE:

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

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

11. REGULATORY INFORMATION

See Addendum:

Ref. PAGE:

Workplace Classification: Irritant

12. TOXICOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Acute Data: ND

**Reproductive /
Teratology Data** ND

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: D.O.T. NON REGULATED WATER TREATMENT COMPOUND

Warning Labels: NA



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

All chemical components are listed on TSCA inventory

SARA:

Section 313 Toxic chemical release reporting, No chemicals are reportable under Section 313

This product does not contain a section 304 listed hazardous substance for emergency release notification

CERCLA Status: Not regulated

RCRA: No listed RCRA listed hazardous constituents

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 -

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Advanced Chemical Technology, LLC makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. Accordingly, Advanced Chemical Technology, LLC will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either expressed or implied or merchantability fitness for a particular purpose or of any other nature are made hereunder with respect to the information set forth herein or to the product to which the information refers.

ADDENDUM for Section -

NA = Not Applicable, ND = None determined, NE = Not established