

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

GOODSON

Tools and Supplies for Engine Builders

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DATE OF PREPARATION: 1/2006

1. IDENTIFICATION

TRADE NAME: Aquamatic Gold, TAP-O

GENERIC NAME: Synthetic water based metal working fluid

MSDS NUMBER: MPI-004

Emergency Phone: 800-688-4005 (24 hours)

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>%</u>	<u>TLV</u>	<u>PEL</u>
Soap Compound	None	>90	None	None
Triethanolamine	102-71-6	<10	5 mg/m ³	None est

3. HAZARDS IDENTIFICATION

Emergency Overview: This is a synthetic water-based soap compound of generally low toxicity. Information herein applies to the undiluted concentrate.

HMIS Ratings: Health - 1, Fire - 0, Reactivity - 0, Personal Prot - B

POTENTIAL HEALTH EFFECTS

Eye: Mild irritant

Skin: May cause mild irritation. Repeated, prolonged skin contact may cause dermatitis. Also, the use of abrasive soaps or solvents to clean skin can promote dermatitis.

Ingestion: Irritating to the GI tract. May cause nausea, vomiting and diarrhea.

Inhalation: Inhalation of mists can cause upper respiratory irritation.

Medical Conditions Aggravated: Chronic respiratory, skin or kidney diseases.

Carcinogen Data: This product is not classified by NTP, IARC or OSHA.

Routes of Entry: Inhalation (mist), skin, eyes, ingestion.

4. FIRST AID MEASURES

Ingestion: If swallowed, CALL A PHYSICIAN IMMEDIATELY. Due to danger of aspiration, do not induce vomiting.

Eye: Flush with large amounts of water until irritation subsides. See a physician if irritation persists.

Skin: Wash with mild soap and warm water after each exposure. Remove grossly contaminated clothing and launder before re-use. If irritation or redness develops, see a physician.

Inhalation: Remove to fresh air. If coughing and irritation develop, call a physician.

NOTE to Physician: This product is a water soluble synthetic soap compound used as an industrial metalworking lubricant. It is of a generally low toxicity.

5. FIRE FIGHTING HAZARD

NFPA RATING: Health: 1 Fire: 0 Reactivity: 0 Other: 0

Flash Point and Method: Non-flammable LEL:N/A UEL:N/A

Extinguishing Media: For a general fire use: CO₂, Dry chemical, foam, water spray.

NFPA Firefighting Procedures: This product is non-flammable nor will it support combustion. However, for general fire purposes involving the surrounding building or products: Use water spray, dry chemical, foam or carbon dioxide.

Unusual Fire & Explosion Hazards: Because of the potential for dense smoke to be created in a fire situation, fire fighters should wear an approved self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Prevent entry to sewer or waterway. Mop up small spills with absorbent and discard in a tightly covered approved waste container. For large spills, dike area to prevent spread. Reclaim liquid by pumping into salvage tanks and clean up remainder with absorbent. Unless grossly contaminated, reclaimed material can be recycled.

7. HANDLING AND STORAGE

Storage Temperature: Do not store at temperatures above 49 Deg. C (120 Deg F).

Special Sensitivity: Do not store near strong oxidizers.

Handling Precautions: Maintain containers upright with caps and bungs tightly secured. To maintain product usefulness, keep tops

of barrels free of water at all times. Do not store where container can be subject to rain or water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Skin Protection: Wear coated gloves impervious to oils, wash clothing before reuse. Wear shoes with soles which are impervious to oils.

Eye Protection: Wear safety goggles if splashing or spraying is expected.

Respiratory Protection: Not normally required. However, when excessive exposures to product mist are encountered and engineering or other controls are not adequate to reduce airborne concentrations to a nonirritating level, use a half mask respirator with cartridges approved for use with organic vapors.

Hygienic Practices: Wash thoroughly before meals, breaks, and at the end of work period. Remove contaminated clothing and laundry before reuse. Do not use abrasive soaps or solvents.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 210 Deg F

Physical Form: Watery liquid

Color: Clear, light amber

Odor: Mild Characteristic

Evaporation Rate: (water=1): 1

Specific Gravity: Approx 1.1

Solubility in Water: Soluble

10. STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Hazardous Polymerization: Cannot occur.

Conditions to Avoid: Exposure to strong oxidizers.

Incompatibilities: Strong oxidizing agents.

Decomposition Products: When heated to decomposition: ammonia, CO, CO₂, irritating aldehydes. Fumes can react with oxidizing materials forming NO_x

11. TOXICOLOGICAL INFORMATION

Toxicological Data: Not determined.

12. ECOLOGICAL INFORMATION

Ecological Hazards: Not determined.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Filter and recycle when appropriate. If heavily contaminated or judged unsuitable for re-cycling, place waste container. Send the container to an approved Transportation, Storage and Disposal (TSD) facility via an approved waster hauler.

Be sure manifests have been completed and an adequate "Pater trail" has been established.

14. TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not Regulated

DOT LABEL: None

DOT HAZARD CLASS: None

UN/NA NUMBER: None

PACKAGING GROUP: None

FLAMMABILITY CLASS: N/A

15. REGULATORY INFORMATION

OSHA STATUS: This product is considered hazardous under OSHA criteria.

TSCA STATUS: Components of this product are included in the TSCA Chemical Inventory.

CERCLA REPORTABLE QUANTITY: N/A

California Occupational Control limit: 5 mg/m³

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS: This product contains no extremely hazardous substances as defined and listed in section #302

SECTION 311/312 HAZARD CATEGORIES: Reportable as a hazardous substance. Check with you local Emergency Planning Committee for reportable quantities.

SECTION 313 TOXIC CHEMICALS: This product is not reportable under Section #313.

16. DISCLAIMER

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