

# Safety Data Sheet

# TAP-O

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

Preparation: January 2006  
Review / Revision: May 2014

## 1. IDENTIFICATION

Part Number: TAP-O

TRADE NAME: TAP-O Cutting Fluid

GENERIC NAME: Synthetic water based metal working fluid.

SDS NUMBER: MPI-004

Synonyms: Aquamatic Gold

Manufacturer: Molecular Products, Inc  
3710 Fruitland Ave  
Maywood, CA 90270-2196  
323-583-0989

Distributor: Goodson Tools & Supplies  
156 Galewski Drive  
Winona, MN 55987  
507-452-1830 or 800-533-8010

Emergency Phone: 800-924-6804 (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 <sup>3</sup>	None est

Note: TLV applicable when in a mist or vapor.

## 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

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

**Inhalation:** Inhalation of mists can cause upper respiratory irritation.

**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.

**Eye:** Mild irritant.

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

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

**Carcinogenicity:** This product is not classified by NTP, IARC or OSHA.

## 4. FIRST AID MEASURES

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

**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.

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

**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: CO<sub>2</sub>, 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.

**Fire or 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° C (120° 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

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

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

**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

**Physical Form:** Watery liquid

**Boiling Point:** 210° F

**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.

**Incompatibilities:** Strong oxidizing agents.

**Decomposition Products:** When heated to decomposition: ammonia, CO, CO<sub>2</sub>, irritating aldehydes. Fumes can react with oxidizing materials forming NO<sub>x</sub>.

**Conditions to Avoid:** Exposure to strong oxidizers.

## 11. TOXICOLOGICAL / ECOLOGICAL INFORMATION

**Toxicological Data:** Not determined.

**Ecological Hazards:** Not determined.

## 12. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Filter and recycle when appropriate. If heavily contaminated or judged unsuitable for re-cycling, place waste in suitable approved container. Seal and properly label the 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 "Paper trail" has been established.

## 13. TRANSPORTATION CONSIDERATIONS

**DOT SHIPPING NAME:** Not Regulated

**DOT LABEL:** None

**DOT HAZARD CLASS:** None  
**PACKAGING GROUP:** None

**UN/NA NUMBER:** None  
**FLAMMABILITY CLASS:** N/A

#### **14. REGULATORY INFORMATION**

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

**California Occupational Control limit:** 5 mg/m<sup>3</sup>

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

**CERCLA REPORTABLE QUANTITY:** N/A

**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 your Local Emergency Planning Committee for reportable quantities.

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

#### **15. APPROVALS**

**Reason for Issue:** Review

**Prepared by:** CCG, Inc.

**Approval Date:** July 31, 2011

**Supersedes Date:** All previous

#### **16. DISCLAIMER**

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