



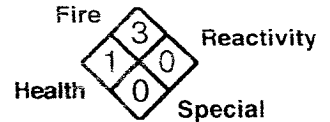
MATERIAL SAFETY DATA SHEET

(Prepared according to 29 CFR 1910.1200)

Date Prepared: 11-9-00

HAZARD RATING

4-EXTREME
3-HIGH
2-MODERATE
1-SLIGHT
0-INSIGNIFICANT



SECTION 1 - PRODUCT IDENTIFICATION

Company Name **VOTAW TOOL COMPANY** | Emergency Telephone No. **800-535-5053**
 Address **1523 N NATIONAL AVE / SPRINGFIELD, MO** | Information Telephone No. **314-383-4372**
 Product Name / ID# **Glyco Mist CASE RENEW** | Product Type **Deodorizer** | **Proprietary Product**

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name	Cas No.	Percent (optional)	TLV (Source)
Isopropanol	67-63-0	>25%	400 ppm
Ethylene Glycol	107-21-	>12%	50ppm

Substances | Contains no substances - subject to the reporting requirements of SARA 313 and 40 CFR Part 372.

SECTION 3 - PHYSICAL DATA

Boiling Point (°F) approx. **212°F** | Specific Gravity (H₂O=1.0) **.970** | pH **7.5 ± 0.5** | % VOC (ww) **17.3%**
 Solubility In Water **Complete** Insoluble Emulsifiable or (Dispersible) Slight (or Partial)
 Evaporation Rate (vs H₂O) Faster Slower **About the Same** | Vapor Pressure **NE** | Vapor Density **NE**
 Appearance and Odor **Colored, scented liquid.**

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.) **81°F** | None to boiling | Flammable Limits **Upper NE Lower NE**
 Extinguishing Media **Carbon Dioxide, Dry chemical or foam.**
 Special Fire Fighting Procedures **NA**
 Unusual Fire Explosion Hazards **NA**

SECTION 5 - REACTIVE DATA

Stability **Stable** | Incompatibility **Strong inorganic acids. Strong oxidizing agents.**
 Hazardous Decomposition Products **Oxides of carbon.**

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value (TLV) **None Established** Not Applicable | Primary routes of Exposure **Eyes** **Skin** **Oral** **Inhalation**
 Signs Symptoms of Over-exposure (Acute) **Irritating to the eyes. May cause minor skin irritation. Prolonged skin contact may cause some drying of the skin. Excessive inhalation may irritate the respiratory tract and cause headache, dizziness, weakness or nausea. Ingestion may cause abdominal discomfort, vomiting, and diarrhea.**
 Signs Symptoms of Over-exposure (Chronic) **Unknown**
 Medical Conditions Aggravated by Over-exposure **Unknown**
 Carcinogen/Suspected Carcinogen Ingredients: NTP IARC OSHA **None**

SECTION 7 - FIRST AID PROCEDURES - (If any Condition persists - Consult a physician.)

Eyes. Flush with water for 10-15 minutes.
Skin. Wash with water for 10 minutes. Remove contaminated clothing.
Ingestion. If patient is fully conscious, give two glasses of water. Induce vomiting, seek medical help.
Inhalation. Remove to fresh air. Give oxygen or artificial respiration as necessary.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection **None if air flow is adequate.**
 Ventilation requirements **Local Exhaust** **Mechanical** To keep below any listed TLV's and/or for general good ventilation.
 Protective Gloves **Rubber Gloves (if prolonged contact).** | Eye Protection **Safety Glasses**
 Other Protective Clothing **Chemical apron when handling large volumes of material.**

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled **Contain spill. Mop up, rinse with water.**

Waste Disposal Methods **Probable to flush into sanitary sewer system. Check all government regulations.**

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in handling and Storage **Keep away from possible sources of ignition. Keep out of reach of children.**