



Product Code:       MSDS349  
Product Name:       TOP GUN (22%)  
                  ITEM CODES:TOPGUN55GAL, TOPGUN5GAL, 305768

24-hour Emergency Phone:                   (800) 535-5053

likely to cause injury; however, swallowing larger amounts may cause injury.

**INHALATION:**

If inhaled in sufficient quantity, may cause temporary irritation to respiratory tract, coughing and shortness of breath. Prolonged inhaling may affect breathing capacity.

**CHRONIC (CANCER) INFORMATION:**

Not listed by IARC or NTP as a carcinogen.

**TERATOLOGY (BIRTH DEFECT) INFORMATION:**

Not classified as a teratogen.

**REPRODUCTION INFORMATION:**

Does not harm reproductive cells.

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**4. FIRST AID MEASURES**

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**EYES:**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye(s). Call a poison control center or doctor for treatment advice.

**SKIN:**

Immediately flush skin with water while removing contaminated clothing and shoes. Seek medical attention if irritation persists. Wash clothing before reuse and discard contaminated shoes.

**INGESTION:**

If swallowed, Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT INDUCE vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**INHALATION:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIANS:**

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NO INFORMATION AVAILABLE.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:**

**FLASH POINT: 223.88 C**                               **Method:**  
Greater than 200F. Not flammable.

**FLAMMABLE LIMITS:**

**Lower flammable limit: N/A**  
**Upper flammable limit: N/A**

**AUTOIGNITION TEMPERATURE:**

Not Applicable.

**HAZARDOUS COMBUSTION PRODUCTS:**

Oxides of carbon and nitrogen. May form: Carbon dioxide and carbon monoxide, Phosphorus compounds, Oxides of phosphorus, toxic fumes.

**EXTINGUISHING MEDIA:**

Dry chemical, foam, carbon dioxide, water fog. Use water to cool fire-exposed containers and to protect personnel.

**FIREFIGHTING INSTRUCTIONS:**

Wear full protective clothing, including self-contained positive pressure or pressure demand breathing apparatus, helmet, and protective clothing. Use water spray to cool fire-exposed containers and to protect personnel.

**6. ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:**

Use appropriate containment to avoid run-off. Keep out of streams, sewers and waterways. Collect free material. Absorb remainder on inert absorbant. Wash area with plenty of water.

**LARGE SPILL:**

If possible, clean up spill area on a dry basis and then flush with plenty of water. Absorb liquid with vermiculite, floor absorbent or other absorbent material. Keep out of sewer, streams, ponds, lakes, or other waterways.

**7. HANDLING AND STORAGE**

**HANDLING:**

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Containers, even those that have been emptied, will retain product residue and vapor and should be handled as if they were full. Do not eat, drink or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Do not handle near heat, sparks or flames. Use only with adequate ventilation/personal protection. Avoid contact with eyes, skin or clothing. Keep containers closed when not in use.

**STORAGE:**

Keep containers covered. Take the usual chemicals handling precautions. Avoid contact with eyes, skin and clothing. Wear appropriate protective equipment. Wash thoroughly after handling.  
Do not take internally.  
Keep out of reach of children.  
Do not contaminate food or water by storage or disposal. Keep containers closed when not in use. Store in original containers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:**

Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from handling this product.

**RESPIRATORY PROTECTION:**

None Normally Needed. If irritation is experienced, a NIOSH-approved respirator should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposure. Respiratory protection may be needed for non-routine or emergency situations.

**SKIN PROTECTION:**

Impervious Such As Neoprene or nitrile.

**EYE PROTECTION:**

Chemical splash goggles with side shields recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**BOILING POINT:** 370.9 F  
**MELTING POINT:** Not applicable.  
**VAPOR PRESSURE:** NO INFORMATION AVAILABLE.  
**VAPOR DENSITY: (Air=1):** >1  
**SOLUBILITY IN WATER:** Emulsifies Soluble  
**SPECIFIC GRAVITY:** 1.028  
**pH:** 8-9.2  
**ODOR:** Ammoniacal odor.  
**APPEARANCE:** Opaque milky white liquid.

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**10. STABILITY AND REACTIVITY**

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**CHEMICAL STABILITY (CONDITIONS TO AVOID):**

Stable.

**INCOMPATIBILITY:**

Strong oxidizing agents, strong acids. Strong Alkali. Do not mix with acids or cationic materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Oxides of carbon, may be emitted if product burns. Oxides of carbon and phosphorous. Phosphorous compounds.

**HAZARDOUS POLYMERIZATION:**

Will not occur.

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**11. TOXICOLOGICAL INFORMATION**

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**EYE:**

NO INFORMATION AVAILABLE.

**SKIN:**

NO INFORMATION AVAILABLE.

**INGESTION:**

NO INFORMATION AVAILABLE.

**INHALATION:**

Not likely to be a problem.

**SUBCHRONIC:**

All components of this product are listed on the U. S. TOXIC SUBSTANCE CONTROL ACT (TSCA) Inventory or exemption has been granted in accordance with 40 CFR 723.50.

**CHRONIC/CARCINOGENICITY:**

Not classified as a carcinogen.

**TERATOLOGY:**

Not a teratogen.

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**REPRODUCTION:**

Not expected to effect human reproduction.

**MUTAGENICITY:**

Not mutagenic.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:**

If this product becomes a waste, it does not exhibit the properties of ignitability, corrosivity, reactivity or environmentally persistent toxicity.

**CHEMICAL FATE INFORMATION:**

NO INFORMATION AVAILABLE.

**13. DISPOSAL CONSIDERATIONS**

Dispose of according to current and applicable Local, State and Federal Laws and Regulations by a licensed disposal agent.

Dispose empty containers in accordance with applicable regulations.

**14. TRANSPORT INFORMATION(Not meant to be all inclusive)**

Not regulated.

**15. REGULATORY INFORMATION: (Not meant to be all inclusive - selected regulations represent**

**U.S. FEDERAL REGULATIONS:**

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) 29 CFR 1910.1200

**OSHA:**

HAZCOM STANDARD

**CERCLA: SARA HAZARD CATEGORY:**

Materials listed in 29 CFR 1910, Subpart Z are identified in Section 2. Contains an ingredient that is a fire hazard.

**SECTION 313:**

Contains an ingredient that is reported as "Glycol Ethers." See section 2 (Composition/Information on Ingredients)

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**INTERNATIONAL REGULATIONS:**

**CANADIAN WHMIS:**

NO INFORMATION AVAILABLE.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):**

NO INFORMATION AVAILABLE.

**EINECS:**

NO INFORMATION AVAILABLE.

**STATE REGULATIONS:**

NO INFORMATION AVAILABLE.

**VOLATILE ORGANIC COMPOUNDS:**

NO INFORMATION AVAILABLE.

**16. OTHER INFORMATION**

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**SDS Status:**

Compliant with OSHA's new GHS safety data sheet (SDS).

Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of PROCESS RESEARCH PRODUCTS, therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.