## Section 1: Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>M-Pro7® Gun Cleaner</td>
</tr>
<tr>
<td>Formula</td>
<td>Preparation/Mixture</td>
</tr>
<tr>
<td>Product Use</td>
<td>Firearm cleaner</td>
</tr>
<tr>
<td>Manufacturer’s Name</td>
<td>Pantheon Enterprises, Inc.</td>
</tr>
<tr>
<td>Address</td>
<td>225 West Deer Valley Road Phoenix, AZ 85027 USA</td>
</tr>
<tr>
<td>Safety Data Sheet Competent Person</td>
<td><a href="mailto:safety@pantheonchemical.com">safety@pantheonchemical.com</a></td>
</tr>
<tr>
<td>Supplier’s Name</td>
<td>Pantheon Enterprises, Inc.</td>
</tr>
<tr>
<td>Address</td>
<td>225 West Deer Valley Road Phoenix, AZ 85027</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>623-780-2296</td>
</tr>
<tr>
<td>Toll Free</td>
<td>1-888-608-7888</td>
</tr>
<tr>
<td>Fax</td>
<td>623-516-0414</td>
</tr>
<tr>
<td>Emergency Telephone Number</td>
<td>Chemtrec 24 hrs: 1-800-424-9300</td>
</tr>
<tr>
<td>Date Prepared</td>
<td>April 2, 2015</td>
</tr>
<tr>
<td>Date Reviewed</td>
<td>May 3, 2016</td>
</tr>
</tbody>
</table>

## Section 2: Hazards Identification

<table>
<thead>
<tr>
<th>GHS Hazard Class</th>
<th>Skin irritation (Category 2), H315</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Eye irritation (Category 2), H319</td>
</tr>
</tbody>
</table>

### GHS Label elements, including precautionary statements:

- **Pictogram:**
  ![Pictogram](image)

- **Signal word:** Warning

- **Hazard Statement(s):**
  - H315: Causes skin irritation.
  - H319: Causes serious eye irritation.

- **Precautionary Statement(s):**
  - P102: Keep out of reach of children
  - P103: Read label before use
  - P264: Wash skin thoroughly after handling.
  - P280: Wear protective gloves/protective clothing/eye protection/face protection.
  - P302+P352: IF ON SKIN: Wash with plenty of soap and water.
  - P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P332+P313: If skin irritation occurs: Get medical advice/attention.
  - P337+P313: If eye irritation persists: Get medical advice/attention.
  - P362: Take off contaminated clothing and wash before reuse.

- **Hazard(s) Not Otherwise Classified (HNOC):** Not classified

- **Hazard Classification:** Not classified as hazardous based on IATA, IMDG, and DOT.

- **Fire and Explosion:** Not considered flammable or combustible.

- **Potential Health Effects:** <2 % of mixture consists of ingredients of unknown acute toxicity.
NFPA RATINGS:

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>Health (Blue)</th>
<th>Flammability (Red)</th>
<th>Reactivity (Yellow)</th>
<th>Special (White)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-Pro7® Gun Cleaner</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Section 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>PRODUCT COMPOSITION</th>
<th>APPROX %</th>
<th>CAS NO.</th>
<th>CANADA DSL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>75-85</td>
<td>7732-18-5</td>
<td>Y</td>
</tr>
<tr>
<td>Diethylene Glycol Monobutyl Ether (DGBE)</td>
<td>&lt;14</td>
<td>112-34-5</td>
<td>Y</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures

Description of First Aid Measures

Inhalation: No fumes are emitted when using this product. No adverse effects are anticipated from inhalation.

Skin Contact: Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Ingestion: If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries After Inhalation: No adverse effects are anticipated from inhalation.
Symptoms/Injuries After Skin Contact: May cause mild skin irritation. Wash thoroughly with soap and rinse with water.
Symptoms/Injuries After Eye Contact: Irritation may result from contact with the eye. Rinse immediately with water and seek medical advice.
Symptoms/Injuries After Ingestion: May be harmful if swallowed. Drink large amount of water. Do NOT induce vomiting. Seek medical advice.

Indication of any immediate medical attention and special treatment needed

In case of accident or if you feel unwell, seek medical advice immediately.

Section 5: Fire-fighting Measures

Suitable extinguishing media: Material does not burn. Use extinguishing agent suitable for the type of surrounding fire.

Special hazards arising from mixture: No data available.

Protective actions fire-fighters: Wear standard protective equipment and self-contained breathing apparatus for firefighting if necessary.

Further information: None.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Wear proper personal protective equipment.

Environmental precautions
Product is biodegradable. Prevent further leakage or spillage if safe to do so. Prevent spills or contaminated rinse water from entering storm drains, drywells, watercourses, or land areas.

Methods and materials for containment and cleaning up
Clean up as much as possible and place in a suitable container for later disposal.

Reference to other Sections
For personal protection reference section 8. For applicable regulations reference section 15.
Section 7: Handling and Storage

Precautions for safe handling
Wear proper protective equipment and avoid contact with skin, eyes, or clothing. Wash hands after handling this product. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities
Follow all applicable local regulations for handling and storage. Do not store in temperatures below 32 F. Utilize chemical segregation from acids.

Specific uses
This product is used as a firearm cleaner.

Section 8: Exposure Controls/Personal Protection

### Table: Control Parameters

<table>
<thead>
<tr>
<th>PRODUCT COMPOSITION</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH REL</th>
<th>U.S. WEEL TWA</th>
<th>EU IOELV TWA</th>
<th>United Kingdom WEL</th>
<th>Canada OEL</th>
<th>Mexico OEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGBE</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>STEL15 ppm, 15 mins.</td>
<td>10 ppm; 10 mg/m³</td>
<td>-----</td>
<td>-----</td>
</tr>
</tbody>
</table>

**Exposure controls**
- **Ventilation:** No special precautions required.
- **Respiratory Protection:** No special precautions.
- **Protective Gloves:** Wear chemical impervious gloves at all times while working with this product.
- **Protection:** Recommend eye protection using safety glasses or goggles.
- **Skin Protection:** Suitable protective clothing to prevent skin contact.
- **Work/Hygiene Practices:** Avoid contact with skin and eyes. Wash hands and face after handling.
- **Protective Clothing:** Wear suitable protective clothing to prevent skin contact.
- **Other Equipment:** Make safety shower, eyewash stations, and hand washing equipment available in the work area.

Section 9: Physical and Chemical Properties

- **Appearance/Color:** Clear Amber
- **Physical State:** Liquid
- **Odor:** None
- **Odor Threshold:** Not Available
- **pH:** 10.8-11.2
- **Melting Point/Freezing Point:** 21°F (-6°C) Freezing Point
- **Initial Boiling Point and Boiling Range:** 215 °F (102 °C)
- **Flash Point:** Not Available
- **Evaporation Rate:** Slightly less than water
- **Flammability:** Not Applicable for product
- **Vapor Pressure:**
  - **DGEB:** 17.3 mmHg @ 20 °C
  - **DGBE:** 0.02 mmHg @ 20 °C
- **Vapor Density (AIR = 1):** Not Available
- **Relative Density (@25 °C):** 0.96–1.04 (Water)
- **Solubility (ies):** 100% in water
- **Oxidizing Properties:** Not Available
- **Partition Coefficient: n-octanol/water:** Not Available
- **Autoignition Temperature:** Not Available
- **Decomposition Temperature:** Not Available
- **Viscosity:** Not Available
- **Corrosive:** No
Section 10: Stability and Reactivity

Stability: Stable.
Conditions to avoid: None
Incompatibility (Materials to avoid): Strong acid solutions. This product will have an exothermic reaction with strong acid solutions.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

Section 11: Toxicological Information

There is no toxicological information available for the product or mixture.

<table>
<thead>
<tr>
<th>GHS Required Criteria</th>
<th>Toxicity Criteria</th>
<th>Data</th>
<th>Comments</th>
<th>Chemical Constituent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity</td>
<td>ATE_{max}, Oral, Rat</td>
<td>&gt;25,000 mg/kg</td>
<td>Product</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD_{50}, Oral, Rat</td>
<td>5.660 mg/kg</td>
<td>DGBE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD_{50}, Dermal, Rat</td>
<td>2,700 mg/kg</td>
<td>DGBE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD_{50}, Oral, Rat</td>
<td>4,500 mg/kg</td>
<td>DGBE</td>
<td></td>
</tr>
<tr>
<td>Skin Corrosion/Irritation</td>
<td></td>
<td></td>
<td>Moderate</td>
<td>Product</td>
</tr>
<tr>
<td>Serious Eye Damage / Eye Irritation</td>
<td></td>
<td></td>
<td>Severe</td>
<td>DGBE</td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td></td>
<td></td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Respiratory Sensitization</td>
<td></td>
<td></td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td></td>
<td></td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td></td>
<td></td>
<td>None listed</td>
<td>IARC</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td></td>
<td></td>
<td>None listed</td>
<td>NTP</td>
</tr>
<tr>
<td>STOST -- Single Exposure</td>
<td></td>
<td></td>
<td>None listed</td>
<td>OSHA</td>
</tr>
<tr>
<td>STOST -- Repeated Exposure</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Genetic Toxicology</td>
<td></td>
<td></td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Ames test</td>
<td></td>
<td></td>
<td>Not available</td>
<td></td>
</tr>
</tbody>
</table>

ATE_{max} = Acute Toxicity Estimate of Mixture
STOST = Specific Target Organ Systemic Toxicity

OTHER INFORMATION: Only selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

Section 12: Ecological Information

<table>
<thead>
<tr>
<th>Environmental Impacts</th>
<th>Chemical Constituents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicity: Acute LC50 1300000 ug/L Fresh water fish – Lepomis macrochirus – 33 to75 minutes, 96 hours</td>
<td>DGBE</td>
</tr>
<tr>
<td>Bioaccumulative potential: Log Pow = 0.3</td>
<td>DGBE</td>
</tr>
<tr>
<td>Persistence and degradability: Product is biodegradable</td>
<td>Product</td>
</tr>
<tr>
<td>Mobility in soil: Not available</td>
<td></td>
</tr>
<tr>
<td>PBT and vPvB assessment: Not available</td>
<td></td>
</tr>
<tr>
<td>Other adverse effects: Not available</td>
<td></td>
</tr>
</tbody>
</table>

Note: Not all of the ingredients have been tested for ecotoxicity.

Section 13: Disposal Considerations

Waste from residues/unused products
Completely rinse container prior to disposal. Dispose of in accordance with Federal, state, and local regulations. Large quantities of waste may require adjustment to a neutral pH. None of the chemicals used in the product are listed as a Priority Pollutant in Appendix A to 40 CFR, Part 423—126 Priority Pollutants.

Contaminated packaging
Contaminated packaging material should be disposed of as stated above for residues and unused product.
Section 14: Transport Information

**DOT TRANSPORT:**
Not Regulated

**ADR = International Carriage of Dangerous Goods by Road**
Not Regulated

**RAIL TRANSPORT:**
Not Regulated

**SEA TRANSPORT:**
IMDG
Not Regulated

**AIR TRANSPORT:**
IATA/ICAO
Not Regulated

Section 15: Regulatory Information

**TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:**
This product is in compliance with rules, regulations, and/or orders of TSCA.

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:**
This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all SDS’s that are copied and distributed for the material.
The Section 313 toxic chemicals contained in this product are: Glycol Ethers

**CALIFORNIA PROPOSITION 65:**
This regulation requires a warning for California Proposition 65 chemical(s) under the statute.
The California proposition 65 chemical(s) contained in this product are: None

**STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:**
Florida Toxic Substance(s):
None
Massachusetts’s hazardous substance(s):
None
Pennsylvania hazardous substance code(s):
None
New Jersey
None

**CLEAN AIR ACT AMENDMENTS (1990):**

**SECTION 112, HAZARDOUS AIR POLLUTANTS:**
This substance is listed Hazardous Air Pollutant
Glycol Ethers

**SECTION 111, VOLATILE ORGANIC COMPOUNDS**
Glycol Ethers (66g/L)

**CLEAN WATER ACT:** None of the chemicals used in the product are listed as a Priority Pollutant in Appendix A to 40 CFR, Part 423—126 Priority Pollutants.

**CANADA:**
WHMIS: This SDS is in compliance with WHMIS 2015 (HPR/ new HPA)

**JAPAN:**
ENCS (Existing and New Chemical Substances): All components comply with ENCS inventory.

**EUROPEAN UNION:**
This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Regulation (EC) No 1272/2008 on classification, labeling, and packaging (CLP) of substances and mixtures. None of the chemicals used in this product are on the EU’s REACH SVHC (Substances of Very High Concern) chemicals list (as of June 16, 2014).

Section 16: Other Information

Revision Number: 6.0
Revision explanation: Physical data, toxicological data, and regulations information updated
Information Sources: RTECS, ECHA, REACH, OSHA 29CFR 1910.1200, ENCS
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