

SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS REVISION 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

Product Name: M-Pro7® Gun Cleaner
Formula: Preparation/Mixture
Product Use: Firearm cleaner

Manufacturer's Name: Pantheon Enterprises, Inc.
Address: 225 West Deer Valley Road
Phoenix, AZ 85027 USA
Safety Data Sheet Competent Person: safety@pantheonchemical.com

Supplier's Name: Pantheon Enterprises, Inc.
Address: 225 West Deer Valley Road
Phoenix, AZ 85027
Telephone Number: 623-780-2296
Toll Free: 1-888-608-7888
Fax: 623-516-0414

Emergency Telephone Number: Chemtrec 24 hrs: 1-800-424-9300

Date Prepared: April 2, 2015
Date Reviewed: May 3, 2016

Section 2: Hazards Identification

GHS Hazard Class: Skin irritation (Category 2), H315
Eye irritation (Category 2), H319

GHS Label elements, including precautionary statements:

Pictogram:



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.

PDOC-30-293 Rev: 6.0

Pantheon Enterprises, Inc.
M-Pro7® Gun Cleaner
SDS Page 1 of 6

NFPA RATINGS:

COMPONENT	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
M-Pro7® Gun Cleaner	1	0	0	NONE

Section 3: Composition / Information on Ingredients

PRODUCT COMPOSITION	APPROX %	CAS NO.	CANADA DSL
Water	75-85	7732-18-5	Y
Diethylene Glycol Monobutyl Ether (DGBE)	<14	112-34-5	Y

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

Control Parameters

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH REL	U.S. WEEL TWA	EU IOELV TWA (mg/m ³)	United Kingdom WEL	Canada OEL	Mexico OEL
DGBE	-----	-----	-----	-----	-----	10 ppm; 10 mg/m ³ ; STEL15 ppm, 15 mins.	-----	-----

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. **Eye**

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:

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.

GHS Required Criteria	Toxicity Criteria	Data	Comments	Chemical Constituent
Acute Toxicity	ATE _{mix} , Oral, Rat LD ₅₀ Oral, Rat LD ₅₀ Dermal, Rat LD ₅₀ Oral, Rat	>25,000 mg/kg 5,660 mg/kg 2,700 mg/kg 4,500 mg/kg		Product DGBE DGBE DGBE Product
Skin Corrosion/Irritation			Moderate	
Serious Eye Damage / Eye Irritation	Eye – Rabbit		Severe	DGBE
Skin Sensitization		Not available		
Respiratory Sensitization		Not available		
Germ Cell Mutagenicity		Not available		
Carcinogenicity		None listed None listed None listed	IARC NTP OSHA	
Reproductive Toxicity		Not available		
STOST -- Single Exposure		Not available		
STOST – Repeated Exposure		Not available		
Aspiration Hazard		Not available		
Genetic Toxicology		Not available		
Ames test		Not available		

ATE_{mix}= 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

	Environmental Impacts	Chemical Constituents
Toxicity:	Acute LC50 1300000 ug/L Fresh water fish – Lepomis macrochirus – 33 to 75 minutes, 96 hours	DGBE
Bioaccumulative potential	Log Pow = 0.3	DGBE
Persistence and degradability:	Product is biodegradable	Product
Mobility in soil:	Not available	
PBT and vPvB assessment:	Not available	
Other adverse effects:	Not available	

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

<u>DOT TRANSPORT:</u>		Not Regulated
<u>ADR = International Carriage of Dangerous Goods by Road</u>		Not Regulated
<u>RAIL TRANSPORT:</u>		Not Regulated
<u>SEA TRANSPORT:</u>	IMDG	Not Regulated
<u>AIR TRANSPORT:</u>	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

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of Pantheon Enterprises, Inc.'s knowledge; however, Pantheon Enterprises, Inc. makes no warranty whatsoever, expressed or implied, of MERCHANTABILITY or FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. Pantheon Enterprises, Inc. assumes no responsibility for the injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.