

MATERIAL SAFETY DATA SHEET

This MSDS is compatible with ISO 11014 – 1:1994 and conforms to ANSI standard Z400.1 – 1993.

SAFETY DATA SHEET

This SDS complies with 91/155/EEC and 2001/58/EC

Section 1: Chemical Product and Company Identification

PRODUCT NAME: M-Pro7 Gun Oil LPX
INTENDED USES: Firearm lubrication.

Section 2: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPROX %	ACGIH TLV	OSHA PEL	NIOSH REL	CAS NO.	EINECS	SYMBOL	RISK
Synthetic Oil	<80%	Mist 5 mg/m3	Mist 5 mg/m3	None established	68649-12-7	—	None	None
Tritolyl Phosphate	<10%	Mist 5 mg/m3	Mist 5 mg/m3	None established	1330-7-85	215-548-8	Xi	R:21 R:36
Distillates, Petroleum Hydrotreated Paraffinic	<5%	Mist 5 mg/m3	Mist 5 mg/m3	None established	64742-54-7	265-157-1	None	None

Some items on this MSDS may be designated as trade secrets. Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13.

The full text for all R-Phrases is shown in Section 16.



Section 3: Hazards Identification

HAZARD CLASSIFICATION: Non-hazardous (based on IMO and DOT)
 FIRE AND EXPLOSION: Not determined
 APPEARANCE: Clear Amber Liquid

Potential Health Effects

INHALATION:

SKIN CONTACT:

EYE CONTACT:

INGESTION:

R: 66

Potential Symptoms

Not likely to occur except as a mist. Move patient to fresh air and consult a physician.

No adverse effects are expected.

No adverse effects are expected.

May be harmful if swallowed.

Repeated exposure may cause dry skin.

NFPA RATINGS:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
Gun Oil LPX	0	1	0	--

Section 4: First Aid Measures

Emergency and First Aid Procedures

GENERAL:

SKIN CONTACT:

EYE CONTACT:

INGESTION:

INHALATION:

Flush any exposed area with plenty of water.

Wash thoroughly with soap and rinse with water.

Rinse immediately with water and seek medical advice.

Drink large amount of water. Do NOT induce vomiting.

Seek medical advice.

No problems are expected.

Section 5: Fire-fighting Measures

FLASH POINT:

FLAMMABLE LIMITS IN AIR (% by vol):

EXTINGUISHING MEDIA:

SPECIAL FIREFIGHTING PROCEDURES:

UNUSUAL FIRE AND EXPLOSION HAZARDS:

>462° F (219° C)

>650° F (343° C)

Dry chemical, carbon dioxide, water fog and foam. Note: Water, fog and foam may cause frothing and spattering.

Use water to cool containers exposed to flames. Do not enter enclosed or confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available).

Slightly combustible. OSHA/NFPA Class IIIB Combustible Liquid. If heated above flash point, this product will release flammable vapors which can burn in the open or be explosive in confined spaces if exposed to ignition source. Mists or sprays may be flammable below its normal flash point. Keep away from extreme heat or open flame.



Section 6: Accidental Release Measures

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Product is biodegradable. Clean up as much as possible and place in a suitable container for later disposal.
Prevent spills or contaminated rinse water from entering storm drains, drywells, watercourses, or land areas.
Reference Section 15 on applicable regulations.

DISPOSAL METHOD:

Dispose in accordance with Federal, State and local regulations.

Section 7: Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Do not store in temperatures above 150 F.
Wear proper protective equipment and avoid contact with skin, eyes, or clothing.
Wash hands after handling this product. Keep out of reach of children.
Follow all applicable local regulations for handling and storage.
Utilize chemical segregation from acids.

SPECIFIC USES:

This product is a firearm lubricant.

INFORMATION ON EMPTIED CONTAINER

Dispose of this container according to local, state, and federal laws in your country.

Section 8: Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

EXPOSURE LIMITS	Reference Section 2
VENTILATION:	No special precautions required
SPECIAL VENTILATION CONTROLS:	None required
RESPIRATORY PROTECTION:	None required
HAND PROTECTION:	Rubber Gloves
EYE PROTECTION:	Safety Glasses, Chemical Goggles, or Face shield
SKIN PROTECTION:	Suitable protective clothing to prevent skin contact
OTHER EQUIPMENT:	Make safety shower, eyewash stations, and hand washing equipment available in the work area
WORK/HYGIENE PRACTICES:	Avoid contact with eyes. Wash hands after handling.
ENVIRONMENTAL EXPOSURE CONTROLS:	None required

Section 9: Physical and Chemical Properties

BOILING POINT:	Not determined
SPECIFIC GRAVITY (@25 °C):	0.9058 @ 15.5 C/water =1
VAPOR PRESSURE OF PRODUCT:	Not determined
SOLUBILITY IN WATER:	Insoluble
APPEARANCE - COLOR:	Translucent green
PHYSICAL STATE:	Liquid
ODOR:	Light bland petroleum
PH	Neutral
CORROSIVE	No

Section 10: Stability and Reactivity

STABILITY:	Stable.
CONDITIONS TO AVOID:	None known
INCOMPATIBILITY (MATERIALS TO AVOID):	Oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon.
HAZARDOUS POLYMERIZATION:	Will not occur

Section 11: Toxicological Information

No information is available for the product mixture.

SKIN IRRITATION: No information is available.

EYE IRRITATION: No information is available.

ACUTE TOXICITY (LD50):
Tritolyl Phosphate

The LC50 values estimated on the basis of 4 hour exposure.
Acute oral toxicity (LD50): 3000 mg/kg [Rat].
Acute dermal toxicity (LD50): 1500 mg/kg [Cat].
Acute toxicity of the vapor (LC50): 5000 ppm 4 hour(s) [Rat].

REPRODUCTIVE: No information is available.

CARCINOGENIC INFORMATION:

NTP:	None listed
OSHA	None listed
IARC:	None listed

CALIFORNIA: The following levels represent the No Observable Effects Levels (NOEL) for NMP. Reference Section 15, Regulatory Information. None.

AMES TEST RESULTS: No information is available

OTHER INFORMATION:

Only Selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented. See actual entry in RTECS for complete information.

Section 12: Ecological Information

BIODEGRADABLE:	Yes
BIOACCUMULATION:	No information is available.
AQUATIC TOXICITY:	No information is available.
OTHER INFORMATION:	None
1999/45/EC Annex III	No Environmental hazards

Section 13: Disposal Considerations

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.

Section 14: Transport Information (per 49 CFR 172.101)



LABEL FOR CONVEYANCE (EU):

ROAD TRANSPORT:

DOT	Not Regulated
UN NUMBER:	None
DOT / ADR HAZARD CLASS:	None
DOT / ADR LABELS:	None
PLACARD:	None
DOT / ADR PACKAGING GROUP:	None
HAZARD NUMBER – ADR:	None
DOT / ADR PROPER SHIPPING NAME:	None
EPA HAZARDOUS WASTE CLASS:	None
MARINE POLLUTANT:	None
DOT REPORTABLE QUANTITY:	None

RAIL TRANSPORT:

RID CLASS No.:	None
RID PACKING GROUP:	

OCEAN TRANSPORT:

UN NUMBER SEA:	None
IMDG CLASS:	
IMDG PACKING GROUP:	
EmS No.:	
MARINE POLLUTANT:	
SEA TRANSPORT NOTES:	

AIR TRANSPORT:

IATA/ICAO CLASS:	None
AIR PACKING GROUP:	

Section 15: Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

All of the ingredients in this product are TSCA listed.

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 MSDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None.

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 AMMENDMENTS (1990):

SECTION 112, HAZARDOUS AIR POLLUTANTS:
 This substance is listed Hazardous Air Pollutant No

SECTION 111, VOLATILE ORGANIC COMPOUNDS None
 This substance is subject to compliance with emission standards of 40CFR Part 60: NNN, RRR.

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 INFORMATION: The Canadian Workplace Hazardous Materials Information System (WHMIS) Classification for this product is: None.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

EUROPEAN UNION:

This product has been reviewed for compliance with the following European Community Directives: Directive 67/548/EEC, Directive 2001/59/EC, Directive 1999/45/EC, Directive 91/155/EC, Directive 2001/58/EC, and Directive 2001/60/EC.

Note: All components of this product are listed in EINICS.

EINECS: European Inventory of Existing Commercial Chemical Products.

EILINCS: European List of Notified Chemical Substances

Section 16: Other Information

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of Pantheon Chemical, Inc.'s knowledge. However, Pantheon Chemical, 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 Chemical, 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.

Full Text:

European Community Hazards Identification:

- R: 21 Harmful in contact with skin
- R: 36 Irritating to eyes
- S: (2-) Keep out of the reach of children
- S: 41 In case of fire and/or explosion do not breathe fumes.
- S: 26 In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
- S: 36/37 Wear suitable protective clothing and gloves.

Revision Comments: Physical Characteristics changes
 Revision Date: 03/01/2012
 Revision Number: 2
 Information Sources: RTECS

Rev 2

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