

1. PRODUCT AND COMPANY IDENTIFICATION

Name Montana X-treme Gun Grease

Trade Names and Synonyms: Lubricant

Distributed By: WESTERN POWDERS, INC.
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Manufactured By: Refer to Supplier
TRANSPORTATION EMERGENCIES – CHEMTREC – 1-800-424-9300

Product Description/Uses - Consumer Product. Proprietary grease mixture of lubricating oil base with polyurea thickener. Packaged only in 10ml plastic syringe containers, this specialized gun grease product is intended solely for use by adult persons experienced in the cleaning and maintenance of firearms.

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Possible low level skin and eye irritant. Practically non-toxic if swallowed.

OSHA REGULATORY STATUS - This product may be considered to be a hazardous chemical under OSHA Hazard Communication Standard 29 CFR 1910.1200
Applicable OSHA Classifications – Skin and Eye Irritant Inhalation hazard

POTENTIAL HEALTH EFFECTS –

Inhalation – Not expected to be harmful if inhaled, contained a petroleum-based mineral oil. Prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit may be harmful.

Eyes - Not expected to cause prolonged or significant eye irritation.

Skin – Contact with the skin is not expected to cause prolonged or significant irritation. Skin contact may cause drying or defatting of the skin. Not expected to be harmful to internal organs if absorbed through the skin.

High Pressure Equipment/Information: Accidental high-velocity injection under the skin of material of this type may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first, but if left untreated, could result in disfigurement or amputation of the affected part.

Ingestion - This substance is considered practically non-toxic to internal organs.

Carcinogenic Potential –No component of this mixture is listed as carcinogenic by IARC (International Agency for Research on Cancer), OSHA and the National Toxicology Program (NTP) 11th Report..

Routes of Exposure - Inhalation, Skin contact, Eye Contact, Ingestion

POTENTIAL ENVIRONMENTAL EFFECTS – Components of this mixture possibly harmful to aquatic organisms.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	wt. %
Lubricating Base Oil * Petroleum Distillate (severely refined)	See footnote	78
Teflon polymer	9002-84-0	1-5
Organic polyurea thickener (proprietary)		15-20

*THE BASE OIL MAY BE MIXTURE OF ANY OF THE FOLLOWING: CAS64741884, CAS641895, CAS6471964, CAS64741975, CAS64742014, CAS64742525, CAS64742536, CAS64742547, CAS6476426, CAS64742650, OR CAS72623837

4. FIRST AID MEASURES

Eyes - No specific first aid measures are required because this material is not expected to cause eye irritation. As a precaution remove contact lenses if worn and flush eyes with water, if material contacts eyes..

Skin – Remove contaminated clothing. Use a waterless hand cleaner, mineral oil or petroleum jelly to remove the material. then wash skin with soap and water. **Wash or clean contaminated clothing and shoes before reuse.**

Ingestion - No specific first aid measures are required because this material is not expected to be harmful if swallowed. Do not induce vomiting. As a precaution, give the person a glass of water or milk to drink and get medical advice. Never give anything by mouth to an unconscious person.

Inhalation - If exposed to excessive levels of material in the air, move the exposed person to fresh air. Get medical attention if coughing or respiratory discomfort occurs.

Note to Physicians: In an accident involving High Pressure Equipment, this product may be injected under the skin. Such an accident may result in a small, sometimes bloodless, puncture wound. However, because of its driving force, material injected into a fingertip can be deposited into the palm of the hand. Within 24 hrs, there is usually a great deal of swelling, discoloration and intense throbbing pain. Immediate treatment at a Surgical Emergency Center is recommended

5. FIRE FIGHTING MEASURES

CLASSIFICATION: Not classified by OSHA as flammable or combustible

NFPA RATING: 1 – 1 - 0

FLASH POINT: Flash Point (CCC) 455° F (235° C)

FLAMMABILITY LIMITS: Not determined for mixture.

AUTOIGNITION TEMPERATURE: Not determined for mixture.

EXTINGUISHING MEDIA: Foam, CO₂ Dry chemical. Water fog

PERSONAL PROTECTION FOR FIREFIGHTING Because of very small container size, any fire is likely to be small, and protection similar to that used for small oil fire – including respirator, if smoke present – is recommended. For larger file Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known. This product will burn, but is not easily ignited.

HAZARDOUS PRODUCTS OF COMBUSTION. Normal combustion forms Carbon Dioxide, Water Vapor and may produce Oxides of Sulfur, Nitrogen and Phosphorus, and fluorocarbon products. Combustion may form Oxides of Calcium and H₂s. Incomplete combustion can produce Carbon Monoxide.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

Because of small package size and typical limited quantity of material expected to be in places of use, spills will likely be small in size. Clean up spills immediately, observing precautions in Exposure Control/Personal Protection section.

Wipe up spills with clean cloth or paper towels. Dispose of spill and absorbent material as an oil-based waste.

CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THESE MATERIALS. THE USER HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NONHAZARDOUS WASTES.

7. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS:

Handling: Avoid skin and eye contact. Follow general good housekeeping procedures. Clean up any spilled product to prevent slipping and injury. Use in well ventilated space.

Storage: Store in original container. Keep in cool place

KEEP THIS PRODUCT OUT OF THE REACH OF CHILDREN AT ALL TIMES

8. EXPOSURE CONTROL / PERSONAL PROTECTION

ESTABLISHED EXPOSURE LIMITS

COMPONENT	OSHA (PEL)	ACGIH (TLV)
Lubricating Base Oil * Petroleum Distillate (severely refined)	5 mg/m ³ (oil mist, mineral)	5 mg/m ³ 10 mg/m ³ (Mist) STEL
Teflon polymer	None found	
Organic polyurea thickener (proprietary)	None found	

PERSONAL PROTECTIVE EQUIPMENT

Wear protective clothing if engineering controls or work practices are not adequate to prevent skin contact. Selection of protecting clothing may include Gloves, apron, boots and complete facial protection depending on operations conducted. Suggested materials for protective gloves include: Nitrile, Viton, Silver Shield.

Eye Protection- No special eye protection is normally required, under normal conditions. Chemical goggles recommended if oil mist from operations is present.

Hand Protection - Wear resistant gloves such as: natural rubber, neoprene, viton, nitrile rubber.

Respiratory Protection - No respiratory protection is normally required. If user operations generate an oil mist, determine if airborne, concentrations are below the recommended mineral oil mist exposure limits. If not, wear a NIOSH approval respirator that provides adequate protection from measured concentrations of this material. Use the following elements for Air-Purifying Respirators: Particulate.

Section 8 - continued

Engineering Controls - Use in a well-ventilated area. If user operations generate an oil mist, use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below the recommended mineral oil mist exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green grease
Odor	Slight oily odor
Odor threshold	Not available
Physical state	Oily paste of viscosity 100 SUS @ 100° F
pH	Not available
Boiling Point	
Freezing Point	Not available
Initial Boiling Point	Not available
Boiling Range	Not available
Flash Point	Flash Point (CCC) 455° F (235° C)
Evaporation rate	Not available
Flammability/Explosive Limits	Not available
Vapor Pressure	Negligible
Vapor Density	Not available
Density @ 15°C	1.02
Solubility	Soluble in hydrocarbon solvents. Not water soluble.
Partition Coefficient Oil/Water Distribution	Not available
Autoignition Temperature	Not available
Volatiles, Percent By Volume	low

10. STABILITY AND REACTIVITY

INSTABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

DECOMPOSITION PRODUCTS: None under normal use. Normal combustion forms Carbon Dioxide, Water Vapor and may produce Oxides of Sulfur, Nitrogen and Phosphorus, and fluorocarbon products. Combustion may form Oxides of Calcium and H₂S. Incomplete combustion can produce Carbon Monoxide.

OTHER CONDITIONS TO AVOID: May react with strong oxidizing agents, such as chlorates, peroxides, etc

11. TOXICOLOGICAL INFORMATION

ROUTES OF ABSORPTION: Inhalation Skin Ingestion Eye Contact

TOXICITY DATA: Not determined for Product. Eye effects, skin effects and acute inhalation effects are based on effects for a similar material.

This product contains petroleum base oils, which may be refined by various processes including severe solvent extraction, severe hydrocracking, or severe hydrotreating. None of the oils requires a Cancer warning under the OSHA hazard communication standard (29 CFR 1910, 1200). These oils have not been listed in the National Toxicology Program (NTP) annual report nor have they been classified by the International Agency for Research on Cancer (IARC) as: carcinogenic to humans (Group 1), probably carcinogenic to humans (Group 2A), or possibly carcinogenic to humans (Group 2B).

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY - Components of these products possibly toxic or harmful to aquatic organisms:
petroleum distillates

GENERAL - Due care should be taken to avoid accidental releases of this product to aquatic or terrestrial systems. This material is not expected to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Handle wastes as an oil-based waste. Comply with all local, state and federal disposal regulations. Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in manner consistent with applicable regulations. Contact your local environmental or health authorities for approved disposal or recycling methods.

14. TRANSPORT INFORMATION

**This material is not regulated as a DOT Hazardous Material
Consumer Commodity
Petroleum Lubricating Grease – not hazardous by US DOT**

15. REGULATORY INFORMATION

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

SARA 311 Categories – This product does not fall under any 311 Categories.

This product does not contain an amount of any chemical required to be reported under SARA 313.

16. OTHER INFORMATION

USDA: H-2 Status: This product is acceptable to the USDA for use as lubricant in official meat and poultry establishments provided there is no possibility of the lubricant or lubricated part contacting edible products.

Revised: 4/18//2008 by Western Powders, Inc.. Compiled from component and mixture MSDS documents, MSDS for component related compounds and from NIOSH International Safety Cards.

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