

Material –Montana X-treme Bore Cleaning & Polishing Compound

MSDS Date: 4/18/2008

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1. PRODUCT AND COMPANY IDENTIFICATION

Name Montana X-treme Bore Cleaning & Polishing Compound

Trade Names and Synonyms: Bore Polish, Bore Cleaning Compound

Distributed By: WESTERN POWDERS, INC.
 P.O. Box 158
 Miles City, Montana 59301
 Telephone: (406) 234-0422
 Toll Free: (800) 497-1007

Manufactured By: Refer to Supplier
TRANSPORTATION EMERGENCIES – CHEMTREC – 1-800-424-9300

Product Description/Uses - Consumer Product, Proprietary paste mixture of aluminum oxide powder in oil/ soap base. Packaged only in 10ml plastic syringe containers, this specialized gun bore cleaning and polishing product is intended solely for use by adult persons experienced in the cleaning and maintenance of firearms.

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: White paste.

May be harmful if swallowed. Possible skin and eye irritant. Crystalline alumina content possible inhalation hazard if allowed to dry and form respirable dust.

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 – None, for normal product. If material is allowed to dry out and fine dust is generated, inhalation of dust can cause lung irritation and damage.

Eyes - May irritate eyes if contacted.

Skin – Prolonged contact may dry skin or cause minor skin irritation.

Ingestion - Swallowing these materials may be harmful. Product is non-toxic, but may have a laxative effect.

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 – Petroleum distillates content of this product may be harmful to aquatic organisms.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	wt. %
Alumina	1344-28-1	<30
Petroleum Distillates		<50
Refined Vegetable Oils		<15
Fatty acid soap		<10

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4. FIRST AID MEASURES

Eyes - If material gets into the eyes, check for contact lenses and, if present and readily possible, carefully remove.

Immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. If irritation continues, seek medical attention.

Skin – Wipe off excess material. Wash exposed skin with mild soap and water. Seek medical attention if irritation persists. Thoroughly clean contaminated clothing before reuse.

Ingestion - If material is ingested, do not induce vomiting. Product may have laxative effect, but is non-toxic. Seek medical attention if severe effect is experienced..

Inhalation - If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; particularly if there has been inhalation of alumina dust.

5. FIRE FIGHTING MEASURES

NFPA RATING 2 – 1 - 0

FLASH POINT: 375° F

EXPLOSIVE LIMITS: Not determined for mixture.

AUTOIGNITION TEMPERATURE: Not determined for mixture.

EXTINGUISHING MEDIA: Foam, CO₂ Do not use water. Treat as oil fire.

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 fire, wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

HAZARDOUS PRODUCTS OF COMBUSTION. Combustion products vary depending on fire conditions and other combustibles present in the fire. Products may be carbon dioxide, carbon monoxide, nitrogen oxides and various hydrocarbons. Possibly respirable alumina dust may be entrained in smoke and vapors, and contact with these fumes should be avoided.

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.

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

CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THIS MATERIAL. 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 housekeeping procedures. Clean up any spilled product to prevent slipping and injury. Use in well ventilated space.

Storage: Store in original container with lid on. Keep in cool place

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

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8. EXPOSURE CONTROL / PERSONAL PROTECTION

ESTABLISHED EXPOSURE LIMITS

COMPONENT	OSHA (PEL)	ACGIH (TLV)
Alumina	15 mg/m ³ total dust 5 mg/m ³ respirable dust	10 mg/m ³ TWA for particulate w/no asbestos, <1% silica
Petroleum Distillates	2,000 mg/m ³	5 mg/m ³ (oil mist, mineral)
Refined Vegetable Oils	None established	
Fatty acid soap	None established	

PERSONAL PROTECTIVE EQUIPMENT - Safety glasses or goggles with side shields. Provide respiratory protection if Section 8 Exposure Limits above are exceeded.

Eye Protection- Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses.

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

Respiratory Protection - If workplace exposure limit(s) of product or any component is exceeded (see exposure limits table), provide respiratory protection.

Engineering Controls - Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White paste
Odor	Slight oily
Odor threshold	Not available
Physical state	Thick paste
pH 25° C	Not available
Boiling Point	Not available
Freezing Point	Not available
Initial Boiling Point	Not available
Boiling Range	Not available
Flash Point	375°F
Evaporation Rate	Negligible
Flammability/Explosive Limits	Not available
Vapor Pressure	Low
Vapor density	Not available
Density – g/cc @65°F	~0.9
Solubility in water	Not soluble
Partition Coefficient Oil/Water Distribution	Not available
Autoignition/Decomposition Temp.	Not available

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10. STABILITY AND REACTIVITY

INSTABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur.
DECOMPOSITION PRODUCTS: None under normal use.
OTHER CONDITIONS TO AVOID: None

11. TOXICOLOGICAL INFORMATION

ROUTES OF ABSORPTION: Inhalation Skin Ingestion Eye Contact

TOXICITY DATA: Not determined for Product. Following are component toxicological results.

Component	LD ₅₀ -oral	LD ₅₀ - dermal
Alumina	No data available	No data available
Petroleum Distillates (typical)	>3,000mg/kg (Rat)	>2,000 mg/kg (Rabbit)
Refined Vegetable Oils	No data found	No data found
Fatty acid soap	No data found	No data found

Carcinogenicity: This product mixture has not been tested for carcinogenicity. No mixture component is listed as carcinogenic by IARC or by the National Toxicology Program NTP (11th Report).

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.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Handle wastes as an oil-based waste. Comply with all local, state and federal disposal regulations.

14. TRANSPORT INFORMATION

This material is not regulated for Transportation as a DOT Hazardous Material Consumer Commodity

15. REGULATORY INFORMATION

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

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

16. OTHER INFORMATION

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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