

SAFETY DATA SHEET

1. Product and Company Identification

Product Name: MC#7 Extra Strength Bore Cleaner

Product Code: MC7XT

Product Type: Aerosol

Product Use: Firearms cleaner

Manufacturer: Shooters Choice LLC
Address: 15050 Berkshire Ind. Pkwy
Middlefield, OH 44062

Revision Date: 9/6/16
Information Phone: 440-834-8888
Emergency Contact/Chemtrec: 800-424-9300
International Chemtrec: 703-527-3887

NOTE: The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We provide this information as guidance for providing personal protection to your employees. The user has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. The user must meet all applicable safety and health standards.

2. Hazard Identification

Classification of substance or mixture:

Aerosols	Category 1
Gas under pressure	Liquefied Gas
Skin Irritation	Category 1
Specific target organ toxicity, single exposure	Category 3, Central nervous system
Aspiration hazard	Category 1
Eye irritation	Category 1
Carcinogenicity	Category 1
Germ Cell Mutagenicity	Category 1B

GHS Label elements:

Pictograms



Signal Word: Danger

Hazard Statement(s)

H222 Extremely flammable aerosol
H280 Contains gas under pressure; may explode if heated
H314 Causes severe skin burns H318
Causes serious eye damage
H335 May cause respiratory irritation
H304 May be fatal if swallowed and enters airways
H350 May cause cancer

H340 May cause genetic defects

Precautionary Statements:

Prevention

- P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- P211 Do not spray on an open flame or other ignition source
- P251 Pressurized container: Do not pierce or burn, even after use.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray
- P271 Use only outdoors or in a well-ventilated place
- P264 Wash thoroughly after handling.
- P201 Obtain special instruction before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

- P301+P310 If Swallowed: Immediately call a poison center or doctor
- P331 Do not induce vomiting.
- P303+P361
- P353 If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P363 Wash contaminated clothing before reuse.
- P304+P340 If Inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351
- +P338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a Poison Center or doctor/physician
- P308+P313 If exposed or concerned: Get medical advice/attention

Handling and Storage:

- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F
- P403+P405 Store in well ventilated place. Store locked up
- P501 Dispose of contents/container in accordance with local/regional regulations.

3. Composition Information on ingredients

Chemical Name	CAS No	Weight-%
AROMATIC HYDROCARBON	64742-95-6	35-40
METHYL AMYL ALCOHOL	108-11-2	1-5
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	5-10
Naphthalene	91-20-3	1-5
Monoethanolamine	141-43-5	5-10
Liquefied Petroleum Gas	68476-86-8	5-15

4. First Aid Measures

Eye Contact:

Flush with warm water for 15 minutes. Seek medical attention.

Skin Contact:

Wash with soap and water. Remove any contaminated clothing and launder before reusing. If irritation persists, seek medical attention.

Inhalation:

Remove exposed individual to fresh air, protecting yourself. Restore breathing if necessary. Contact a physician.

Ingestion:

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Do not induce vomiting. If possible, do not leave individual unattended.

5. Fire Fighting Measures

Flash Point: Flash point of propellant <0 degrees F.

Flammable limits in air, % by volume:

Upper: 18 % (VOL.) Gas in air (propellant portion)
Lower: 3.4 % (VOL.) Gas in air (propellant portion)

Extinguishing Media:

Dry chemical, carbon dioxide, halon, or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen, take proper precautions when using these materials.

Unusual Fire & Explosion Hazards:

This material may be ignited by extreme heat, sparks, flames or other ignition sources (static electricity). Vapors are heavier than air and will collect in low areas (sewers) or travel considerable distances. If containers are not cooled in a fire, they may rupture and ignite.

Special Fire Fighting Procedures:

At elevated temperatures (over 122F) aerosol container may burst, vent or rupture; use equipment or shielding to protect personnel. Cooling exposed containers with streams of water may be helpful. Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out and try to contain spills or leaks if it can be done safely. Material will float on water, avoid spreading the fire.

6. Accidental Release Measures

Spill or Leak Instructions

Use personal protective equipment as required. Contain spill with dikes of soil or nonflammable absorbent to minimize contaminated area. Avoid run-off into storm sewers and ditches leading to waterways. If required, notify state and local authorities. Place leaking containers in well-ventilated area. Clean up small spills by using a nonflammable absorbent or flushing sparingly with water. Contain larger spills with

nonflammable diking or absorbent. Clean up by vacuuming or sweeping.

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind; keep out of low areas. Assess the spill situation, as the spill may not evolve large amounts of hazardous airborne contaminants in many outdoor spill situations. It may be advisable in some cases to simply monitor the situation until spilled product is removed.

7. Handling and Storage

Handling:

Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Do not puncture or burst. Use in accordance with good work place practices. Use with adequate ventilation. Keep containers closed when not in use. Always open containers slowly to allow any excess pressure to vent. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Decontaminate soiled clothing thoroughly before re-use. Destroy contaminated leather clothing.

Empty containers may contain residues from the product. Treat empty containers with the same precautions as the material last contained. Do not cut, weld or apply heat to empty containers Do not incinerate

Storage:

Store in a cool, dry area, away form heat or direct sunlight. Keep containers closed when not in use. Do not store with incompatible materials

8. Exposure Controls / Personal Protection

Protective Equipment:

Use synthetic gloves if necessary to prevent excessive skin contact. Do not wear contacts and always use ANSI approved safety glasses or splash shield.

Engineering Controls:

General or dilution ventilation is frequently sufficient as the sole means of controlling employee exposure. Local ventilation is usually preferred. Use a NIOSH approved respirator if ventilation is not adequate to maintain exposures below TLV levels.

Respiratory Protection:

Use adequate ventilation to maintain exposure limits. If the exposure limits of the products or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety equipment supplier). Above exposure levels an approved self-contained breathing apparatus or airline respirator with full face-piece is required

Other Suggested Equipment:

Eye wash station and emergency showers should be available. Spill containment equipment should be available.

Discretion Advised:

We. take no responsibility for determining what measures are required for personal protection in any specific application. The general information should be used with discretion.

Exposure guidelines:

Ingredients	CAS #	Exposure Limits	
Aromatic Hydrocarbon	64742-95-6	OSHA (TWA) ACGIH(TWA)	NE NE
Methyl Amyl Alcohol	108-11-2	OSHA (TWA) ACGIH (TWA)	25 ppm 25 ppm
Ethylene Glycol monobutyl Ether	111-76-2	OSHA (TWA) ACGIH (TLV)	50 ppm 20 ppm
Naphthalene	91-20-3	OSHA (PEL) ACGIH (TLV)	NA NA
Monoethanolamine	141-53-5	OSHA (PEL) ACGIH(TLV)	3 ppm 8h 6 ppm 15 min.
Liquefied Petroleum Gas	68476-86-8	OSHA (PEL) ACGIH TLV	1000 ppm 1000 ppm

9. Physical and Chemical Properties

Appearance: Tan to amber as dispensed from aerosol can.
Evaporation Rate: Ether = 1 Slower
PH: NA
Initial Boiling point and boiling range: NE
Flammability: NA
Vapor density >1 (Air=1)
Relative density NE
Partition coefficient: NE
Decomposition temperature: NE
Flammable limits in air, % by volume: (propellant portion)
Upper: 18 % (VOL.) Gas in air (propellant portion)
Lower: 3.4 % (VOL.) Gas in air (propellant portion)

Odor: Characteristic
Odor Threshold: NE
Melting/Freezing point: NE
Flash Point: Flash point of propellant <0°F
Vapor pressure: >30 psi

Solubility: negligible
Auto-ignition temperature: NE
Viscosity: NA

10. Stability and Reactivity

Stability: Stable
Conditions to Avoid: Heat, spark, and open flame
Incompatibility: Strong-Oxidizing Agents
Hazardous Decomposition: Combustion will produce Carbon Monoxide, Carbon Dioxide and hydrocarbons..
Hazardous Polymerization: Will not occur

11. Toxicological Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Aromatic Hydrocarbon 64742-95-6	>3,000 mg/kg	>3,160 mg/kg	>10 mg/l
Methyl Amyl Alcohol 108-11-2	2,590 mg/kg	2,870 mg/kg	> 40 mg/l 4 h

Ethylene Glycol Monobutyl Ether 111-76-2	1,519 mg/kg (mouse)	>2,000 mg/kg	4500, ppm 4 h
Naphthalene 91-20-3	>5,000 mg/kg	2870 mg/kg	>16,000
Monoethanolamine 141-43-5	1089 mg/kg (rat0)	2,504 mg/kg	1.3 mg/l

12. Ecological Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Aromatic Hydrocarbon 64742-95-6	Data not available	Data not available	Data not available	Data not available
Methyl Amyl Alcohol 108-11-2	EC50 (pseudokirchneriella subcapitata (green algae)): 147 mg/l	LC50 (Pimephales promelas (fathead minnow)): >92.4 mg/l		EC50 (daphnia magna (Water flea)): 337 mg/l
Ethylene Glycol Monobutyl Ether 111-76-2	EC50 (Pseudokirchneriella subcapitata (green	LC50 (Oncorhynchus mykiss (rainbow	Data not available	EC50 (Daphnia magna (Water flea)): 1,800 mg/l Exposure time: 48h
Monoethanolam 141-43-5	EC50 48h static Daphnia 65mg/l	LC50: Fish 96h 349 mg/l	EC10Bacteria 30 min >1000 mg/l	ND

13. Disposal Considerations

Do not puncture or burn containers. Give empty, leaking, or full containers to disposal service equipped to handle and dispose of aerosol (pressurized) containers. Dispose of spilled material in accordance with state and local regulations for waste that is non-hazardous by Federal definition. Note that this information applies to the material as manufactured; processing, use, or contamination may make this information inappropriate, inaccurate, or incomplete.

Note that this handling and disposal information may also apply to empty containers, liners and rinsate. State or local regulations or restrictions are complex and may differ from federal regulations. This information is intended as an aid to proper handling and disposal; the final responsibility for handling and disposal is with the owner of the waste. See Section 9 - Physical and Chemical Properties.

14. Transport Information

Aerosols (limited quantity),
 Class 2.1, ERG 126

AIR (IATA) Aerosols
 (limited quantity),
 Class 2.1, ERG 126, UN No. 1950
 Vessel

Aerosol (Limited Quantity), Class 2.1, UN No 1950

15. Regulatory Information

Environmental Regulations

SARA 302/304:

None

SARA 311/312:

Immediate (x) Delayed () Fire (x) Reactive () Sudden Release of Pressure (x)

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No	Weight-%
Methyl Isobutyl Ketone	108-10-1	1
Ethylene Glycol Butyl Ether	111-76-2	5-10
Pseudocumene (1,2,4-Trimethylbenzene)	95-63-6	<15
Xylenes	1330-20-7	<1
Cumene	98-82-8	<.04

California Prop 65:

Warning! This product contains chemicals known to the State of California to cause cancer and reproductive toxicity. Methyl Isobutyl Ketone, 108-10-1, Naphthalene 91-20-3, Cumene 98-82-8

All the chemicals used in this product are TSCA listed.

Check with your local regulators to be sure all local regulations are met.

16. Other Information

Hazard ratings This information is intended solely for the use of individuals trained in the NFPA and/or HMIS systems.

NFPA: Level 3 Aerosol

HMIS: Health: 3 Flammability: 4 Reactivity: 0

RATING: 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT

Note:

For industrial use only. The information contained herein is accurate to the best of our knowledge. We do not suggest or guarantee that any hazards listed herein are the only ones which exist. We make no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances. Effects can be aggravated by other materials and/or this material may aggravate or add to the effects of other materials. This material may be released from gas, liquid, or solid materials

made directly or indirectly from it. User has the sole responsibility to determine the suitability of the materials for any use and the manner of use contemplated. User must meet all applicable safety and health standards. Possession of an SDS does not indicate that the possessor of the SDS was a purchaser or user of the subject product.