

Remington® BriteBore™**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: Remington® BriteBore™
Recommended Use: Firearm Bore Cleaner (not for incidental food contact or medical purposes)
Distributor: Ammunition Operations LLC
 2592 AR Hwy 15N
 Lonoke, AR 72086, USA
Telephone: 1-800-243-9700
Emergency Telephone: 1-800-424-9300 (CHEMTREC, 24 hours, Washington, D.C. USA)
 Transportation incidents only

2. HAZARDS IDENTIFICATION

CLASSIFICATION



Skin Corrosion/Irritation 3

Eye Damage/Irritation 2B

SIGNAL WORD: Warning!

Hazard Statements

May be fatal if swallowed and enters airways

Causes mild skin irritation

Causes eye irritation

Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces – No smoking

Keep container tightly closed

Wash hands thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Do NOT induce vomiting IF SWALLOWED:

Immediately call a POISON CENTER or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

If skin irritation occurs: Get medical advice/attention If eye irritation persists: Get medical advice/attention
Store locked up. Store in a well-ventilated place.

Keep cool. Dispose of contents/container to comply with all local, state, and federal regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS No.	Percent
Polyoxyethylene Sorbitol Hexaoleate	57171-56-9	<2.00
C10-C16 Alcohols	67762-41-8	<2.00

4. FIRST AID MEASURES**Eye Contact:** Flush eyes with large amounts of water for at least 15 minutes. Remove contact lenses, if worn. Get medical attention immediately.

Remington® BriteBore™

- Skin Contact:** Wash affected area with soap and water. Remove contaminated clothing or shoes. Wash clothing before reuse. Clean shoes before reuse. Get medical attention.
- Inhalation:** Remove person to fresh air. If signs/symptoms persist, get medical attention.
- Ingestion:** If swallowed, **do not** induce vomiting. Rinse mouth thoroughly with water. Get medical attention.

5. FIRE FIGHTING MEASURES

- Suitable Extinguishing Media:** On large fires used dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical, or water spray. Water can be used to cool fire exposed containers.
- Unsuitable Extinguishing Media:** None known
- Specific hazards in case of fire:** Exposure to combustion products may be a hazard to health.
- Special protective equipment for fire fighters:** In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Use appropriate personal protective equipment. Follow safe handling advice.
- Environmental precautions:** Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area by containment or oil barriers.
- Methods for material containment and cleaning up:** Observe precautions from other sections. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with an appropriate solvent. Seal the container.

7. HANDLING AND STORAGE

- Precautions for safe handling:** Avoid contact with skin or eyes, inhalation of mist, or ingestion. See section 8 for personal protection equipment. Practice good personal hygiene to prevent accidental ingestion after handling. Properly dispose of clothing that cannot be decontaminated.
- Conditions for safe storage, including any incompatibilities:** Store away from oxidizing materials. Store product in a closed container located in a dry area. Do not store in open, inadequate, or mislabeled packaging. Check that containers are clearly labeled. Use metal cans, metal drums, plastic, or lined fiber containers. Keep away from heat and flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure limits/standards for materials that can be formed when handling this product:** When mists/aerosols can occur, the following are recommended: 5 mg/m³ - ACGIH TLV (inhalable fraction), 5 mg/m³ - OSHA PEL.
- NOTE:** Limits/standards shown for guidance only. Follow applicable regulations.
- Engineering Controls:** Ensure adequate ventilation. Minimize workplace exposure concentrations
- Personal Protective Equipment (PPE):**
- Eyes:** Chemical resistant goggles must be worn.
- Skin:** Impermeable gloves, aprons and boots should be worn. Product is compatible with most elastomers.
- Inhalation:** No respiratory protection required under most conditions. If concentrations exceed exposure limits, approved respiratory equipment must be used.

9. CHEMICAL AND PHYSICAL PROPERTIES

- Physical state:**..... Liquid
- Color:**..... Clear, amber
- Odor:** Slight oil Odor

Remington® BriteBore™

Threshold:..... Not available
pH Value:..... Not available
Melting Point: No data available
Freezing Point: No data available
Initial Boiling Point: >200°C
Flash Point:..... >200°C CC
Evaporation rate: Not available
Flammability (solid, gas): Not applicable
Explosion limits: Not available
Vapor pressure: Not available
Vapor density: Not available
Solubility:..... Not available
Partition coefficient: Not available
Auto-ignition temperature:..... Not available
Decomposition temperature:.. Not available

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: Can react with strong oxidizing agents.
Conditions to avoid: None known.
Materials to avoid: Strong oxidizers.
Hazardous decomposition products: Carbon monoxide and other hazardous fumes.

11. TOXICOLOGICAL INFORMATION**Exposure Routes:**

Eye
Skin
Oral Inhalation

Information on toxicological effects: May cause eye and skin irritation. Repeated ingestion of large amounts may injure internally.

Acute Toxicity Estimate: Ingestion LD₅₀, Rat >2,000 mg/kg, Dermal LD₅₀, Rabbit >2,000 mg/kg

Respiratory Sensitization: Not classified based available information.

Skin Sensitization: Not classified based available information.

Carcinogenicity: Not classified based available information.

Germ Cell Mutagenicity: Not classified based available information.

Reproductive Toxicity: Not classified based available information.

Specific Organ Toxicity (SE or RE): Not classified based available information.

12. ECOLOGICAL INFORMATION

Toxicity: The ecological hazards associated with this mixture are not known. Recommend all efforts to limit material from entering water ways or soil.

13. DISPOSAL PROCEDURES

Waste treatment methods: Dispose of in accordance with local regulations

According to the European Waste Catalogue, Waste Codes are not product specific but application specific. Waste Codes should be assigned by the user based on the application in which the product is used.

For USA Disposal: Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

14. TRANSPORT INFORMATION

Class or Type: US DOT, IMO, ADR, RID, ADN, IMDG, and IATA: Not regulated as a dangerous good.

15. REGULATORY INFORMATION

Remington® BriteBore™

Safety, health, and environmental regulations/legislation specific for the mixture:

Worldwide Chemical Inventories and lists: not a SEVESO substance, not an ozone-depleting substance and not a persistent organic pollutant.

Other Information:

U. S. Regulatory information

- TSCA Inventory Status: Y
- TSCA 12 (b) Export Notification:..... Not listed
- CERCLA Section 103 (40 CFR 302.4):N
- SARA Section 302 (40 CFR 355.30):N
- SARA Section 304 (40 CFR 355.40):N
- SARA Section 313 (40 CFR 372.65):N
- OSHA Process Safety (29 CFR 1910.119):.....N
- SARA Hazard Categories, SARA Sections 311/312 (40 CFR 370.21) –
 - Acute Hazard: Y
 - Chronic Hazard:.....N
 - Fire Hazard:N
 - Reactivity Hazard:N
 - Sudden Release Hazard:N

State Regulations: Not on California Proposition 65 list. Does not contain any contaminants or by-products known to the State of California to cause cancer or reproductive toxicity.

Note – There are no known safety, health or environmental restrictions or prohibitions in any country where this product is produced, imported, or marketed.

16. OTHER INFORMATION

NFPA Hazard Classification:

- Health: 1
- Flammability: 1
- Reactivity: 0
- Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency personnel to address the hazards that are presented by short-term, acute exposure to material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification:

- Health: 1
- Flammability: 1
- Reactivity: 0
- Protection: B (See PPE section)

Hazardous Material Identification System (HMIS) hazard ratings are designed to inform employees of chemical hazards in the workplace. The ratings are based on inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations.

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Prepared By: PolySi@Technologies, Inc.
5108 Rex McLeod Dr.
Sanford N.C. 27330

Email polysi@polysi.com
Phone: (919) 775-4989