

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Gunslick Gun-Foam Gun Oil Aerosol

Intended Use of the Product Not available

Name, Address, and Telephone of the Responsible Party

Company

Federal Cartridge Company

900 Ehlen Drive

Anoka, MN 55303

T 1-800-635-7656

Emergency Telephone Number

Emergency Number : 1-800-424-9300 (Inside US), 01-703-527-3887 (Outside US) - (CHEMTREC, Day or Night)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Simple Asphy

Flam. Aerosol 1 H222

Muta. 1B H340

Carc. 1B H350

Full text of H-phrases: see section 16

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H222 - Extremely flammable aerosol.
H340 - May cause genetic defects.
H350 - May cause cancer.

May displace oxygen and cause rapid suffocation.

Precautionary Statements (GHS-US)

: P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, sparks, open flames, hot surfaces. - 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.
P280 - Wear eye protection, protective clothing, respiratory protection.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P405 - Store locked up.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 48.88 °C/120 °F.
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 48.88 °C. Do not pierce or burn, even after use.

Unknown Acute Toxicity (GHS-US) Not available

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% (w/w)	Classification (GHS-US)
White mineral oil, petroleum	(CAS No) 8042-47-5	80 - 90	Not classified
Petroleum gases, liquefied, sweetened	(CAS No) 68476-86-8	10 - 20	Simple Asphy, H380 Flam. Gas 1, H220 Compressed gas, H280 Muta. 1B, H340 Carc. 1B, H350

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately.

Most Important Symptoms and Effects Both Acute and Delayed

General: Gas can be toxic as a simple asphyxiant by displacing oxygen from the air. May cause cancer. May cause genetic defects.

Inhalation: Asphyxia by lack of oxygen: risk of death. May cause respiratory irritation.

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: May cause cancer. May cause genetic defects.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Extremely flammable aerosol.

Explosion Hazard: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. DO NOT fight fire when fire reaches explosives. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Do not allow run-off from firefighting to enter drains or water sources.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Hydrocarbons. Black smoke. Toxic fumes are released.

Reference to Other Sections

Refer to section 9 for flammability properties.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, gas).

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Evacuate unnecessary personnel. Eliminate ignition sources. Stop leak if safe to do so. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Use only non-sparking tools. Contact competent authorities after a spill. Isolate area until gas has dispersed.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or burn, even after use. Flammable vapors may accumulate in the head space of closed systems. Container may remain hazardous when empty.

Handling Temperature: $\leq 50\text{ }^{\circ}\text{C}$ (122 $^{\circ}\text{F}$)

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Prevent build-up of electrostatic charges (e.g., by grounding). Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Store locked up. Keep container closed when not in use. Do not expose to temperatures exceeding 50 $^{\circ}\text{C}$ / 122 $^{\circ}\text{F}$. Keep in fireproof place. Protect from light.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Storage Temperature: $< 48.89\text{ }^{\circ}\text{C}$ ($< 120\text{ }^{\circ}\text{F}$)

Special Rules on Packaging: Keep only in the original container.

Specific End Use(s) Not available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

White mineral oil, petroleum (8042-47-5)

USA ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³ (mist)
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Exposure Controls

Appropriate Engineering Controls: Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas.

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Personal Protective Equipment: Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics. Wear fire/flammable resistant/retardant clothing.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH approved respiratory protection should be worn.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Water white, clear oily liquid.
Odor	: Faint hydrocarbon
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: -156 °F (-104.44 °C) (for propellant)
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: 1.9 %
Upper Flammable Limit	: 9.5 %
Vapor Pressure	: 45 - 55
Relative Vapor Density at 20 °C	: Not available
Relative Density	: Not available
Specific Gravity	: < 1
Solubility	: Negligible
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Sparks. Open flame. Overheating. Avoid shock and friction.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Toxic gases.

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SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: May cause genetic defects.

Teratogenicity: Not classified

Carcinogenicity: May cause cancer.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Asphyxia by lack of oxygen: risk of death. May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: May cause eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: May cause cancer. May cause genetic defects.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

White mineral oil, petroleum (8042-47-5)	
LD50 Oral Rat	> 5000 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Toxicity No additional information available

White mineral oil, petroleum (8042-47-5)	
LC50 Fish 1	> 10000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

Persistence and Degradability

Gunslick Gun-Foam Gun Oil Aerosol	
Persistence and Degradability	Not established.

Bioaccumulative Potential

Gunslick Gun-Foam Gun Oil Aerosol	
Bioaccumulative Potential	Not established.

White mineral oil, petroleum (8042-47-5)	
Log Pow	> 6

Petroleum gases, liquefied, sweetened (68476-86-8)	
Log Pow	<= 2.8

Mobility in Soil Not available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Additional Information: Flammable vapors may accumulate in the container. Container under pressure. Do not drill or burn even after use.

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SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

Proper Shipping Name : AEROSOLS flammable
 Hazard Class : 2.1
 Identification Number : UN1950
 Label Codes : 2.1
 ERG Number : 126



In Accordance with IMDG

Proper Shipping Name : AEROSOLS flammable
 Hazard Class : 2
 Identification Number : UN1950
 Label Codes : 2.1
 EmS-No. (Fire) : F-D
 EmS-No. (Spillage) : S-U



In Accordance with IATA

Proper Shipping Name : Aerosols, flammable
 Identification Number : UN1950
 Hazard Class : 2
 Label Codes : 2.1
 ERG Code (IATA) : 10L



In Accordance with TDG

Proper Shipping Name : Aerosols, flammable
 Identification Number : UN1950
 Hazard Class : 2
 Label Codes : 2.1



Additional Information : Limited quantities of compressed gases for which exceptions are permitted in containers of not more than 4 fluid ounces capacity (7.22 cubic inches or less). There is a DOT exemption, which applies to Consumer Commodities. DOT CLASS: ORM-D.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

Gunslick Gun-Foam Gun Oil Aerosol	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Sudden release of pressure hazard Fire hazard
White mineral oil, petroleum (8042-47-5)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Petroleum gases, liquefied, sweetened (68476-86-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

US State Regulations

White mineral oil, petroleum (8042-47-5)	
U.S. - Texas - Effects Screening Levels - Long Term	
U.S. - Texas - Effects Screening Levels - Short Term	
Petroleum gases, liquefied, sweetened (68476-86-8)	
U.S. - Maine - Chemicals of High Concern	
U.S. - Minnesota - Chemicals of High Concern	




Canadian Regulations

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WHMIS Classification	Class A - Compressed Gas

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	Class B Division 5 - Flammable Aerosol Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects	
		

White mineral oil, petroleum (8042-47-5)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Uncontrolled product according to WHMIS classification criteria

Petroleum gases, liquefied, sweetened (68476-86-8)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class A - Compressed Gas
Class B Division 1 - Flammable Gas
Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

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

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date : 04/27/2016

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

Federal Cartridge Company
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Anoka, MN 55303
T 1-800-635-7656

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS US 2012 & WHMIS 2