

SAFETY DATA SHEET

Part No. P6947CT (Aerosol)

Print Date: 12/12/2022
Revision Date: 12/12/2022
Supersedes Date: 10/25/2019
Issue Date: 3/12/2012
Version: 7.0 (EN)-US
Page: 1/7

GC4A Hoppe's Elite Gun Cleaner

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Product Name : GC4A Hoppe's Elite Gun Cleaner
Manufacturer Product Number : P6947CT
Supplier Product Numbers : GC4A

1.2 Other Means of Identification

Other Identifiers : Not Available

1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use : Gun cleaning product.
Restrictions on Use : None Identified

1.4 Supplier Details

	Manufacturer Details	Supplier Details
Company Name		Bushnell Holdings Inc.
Address		22101 West 167th St., Olathe, KS 66062 - United States
Phone Number		1-800-423-3537
Fax Number		
Email		dangerous.goods@vistaoutdoor.com
Website		

1.5 24 hr Emergency Phone Number

Emergency Number : Emergency Telephone Number (Hazardous Material/Dangerous Goods Transportation Emergency ONLY)
Emergency number: 1-800-424-9300 (Inside US), 01-703-527-3887 (Outside US) - (CHEMTREC, Day or Night)

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Press. Gas (Comp.) H280 Physical Hazards Gases under pressure Compressed gas

2.2 Label Elements

Hazard Pictograms



Signal Word

Warning

Hazard Statements

H280 : Contains gas under pressure; may explode if heated

Precautionary Statements

P410+P403 : Protect from sunlight. Store in a well-ventilated place.

2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : None Identified.

2.4 Unknown acute toxicity

9% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
9% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
12% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (vapors))

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Issue Date: 3/12/2012
Version: 7.0 (EN)-US
Page: 2/7

GC4A Hoppe's Elite Gun Cleaner

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : Mixture

3.2 Composition

Substance name	CAS Number	% wt*	Classification
Nitrogen	7727-37-9	1 – 5	Press. Gas (Comp.), H280

Full text of hazard classes and H-statements : see section 16

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4 - FIRST-AID MEASURES

4.1 Description of First-Aid Measures

General Measures : If exposed or concerned: Get medical advice/attention.
Inhalation : Remove person to fresh air and keep comfortable for breathing.
Skin Contact : Wash skin with plenty of water.
Eye Contact : Rinse eyes with water as a precaution.
Ingestion : Call a poison center or a doctor if you feel unwell.
First-Aid Responder Protection : Wear adequate personal protective equipment based on the nature and severity of the emergency.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms of Exposure : Eye Irritation, Throat Irritation, Respiratory Irritation, Skin Irritation, Cough.
Delayed Effects : No known delayed effects.
Immediate Effects : No known immediate effects.
Chronic Effects : No known chronic effects.
Target Organs : Respiratory System.

4.3 Indication of Immediate Medical Attention and Special Treatment

Notes to Physician : Treat symptomatically.
Specific Treatments/Antidotes : No Information Available.
Medical Conditions Aggravated : May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Extinguishing Media : Water, carbon dioxide, dry chemical, universal aqueous film forming foam.
Unsuitable Media : Water jet.

5.2 Specific Hazards Arising from the Chemical or Mixture

Hazardous Combustion Products : Decomposition products may include: oxides of carbon, smoke, vapors. See also Section 10.6.
Specific Hazards During Firefighting : Contents under pressure. In a fire or if heated, a pressure increase will occur which may result in container bursting.

5.3 Special Protective Actions for Fire-Fighters

Firefighting Instructions : Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat developed pressure.
Protection during Firefighting : Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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Issue Date: 3/12/2012
Version: 7.0 (EN)-US
Page: 3/7

GC4A Hoppe's Elite Gun Cleaner

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6.1 Personal Precautions, Protective Equipment and Emergency Procedures

- For Non-Emergency Personnel** : No action should be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.
- For Emergency Personnel** : Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.

6.2 Environmental Precautions

- Environmental Precautions** : Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

6.3 Methods and Materials for Containment and Cleaning up

- Containment Procedures** : Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents.
- Cleanup Procedures** : Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.
- Other Information** : Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned.
- Prohibited Materials** : Combustible absorbent material such as sawdust. Use of equipment that may cause sparking.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling

- General Handling Precautions** : KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation.
- Hygiene Recommendations** : Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

7.2 Conditions for Safe Storage Including Any Incompatibilities

- Storage Requirements** : Storage of individual cans should be done in an area below 55°C (120 °F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended.
- Incompatibilities** : Segregate storage away from materials indicated in Section 10.
- NFPA 30B Classification** : This product is classified as a Level 1 Aerosol per NFPA 30B

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

8.2 Exposure Controls

- Engineering Measures** : Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.
- Personal Protective Equipment**
- Eye / Face Protection** : Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling.
 - Hand Protection** : Chemical-resistant gloves, tested according to ASTM F903-17.
 - Remarks** : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.
 - Skin and Body Protection** : For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

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Version: 7.0 (EN)-US
Page: 4/7

GC4A Hoppe's Elite Gun Cleaner

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Respiratory Protection : Respiratory protection is not anticipated to be needed.
Compliance : If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.
Other Protective Equipment : Not Applicable.
Environmental Exposure Controls : Avoid release to the environment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Properties

Boiling Point	> 100.00 °C	Melting / Freezing Point	> -68.00 °C
Flash Point, Liquid	> 93.00 °C	Flash Point, Propellant	Non flammable
Explosive Limits	LEL: 0.70 UEL: 24.60 vol % (v/v%)	Autoignition Temperature, Liquid	> 210.00 °C
Flammability	Non-Flammable Aerosol	Density	1.009 g/cm ³
Molecular Weight	Not Available	Weight	8.416 lbs/gal
Vapor Pressure	Not Available	pH	Not Available
Vapor Density	Not Available	Evaporation Rate (nBac=1)	Not Available
Viscosity	Not Available	Partition Coefficient (Log Pow)	Not Available
Odor Threshold	Not Available	Refractive Index	Not Available
Physical State	Pressurized Product	Heat Of Combustion	574.38 BTU/lb
Appearance / Color	Clear, Colorless	Water Solubility	Not Available
Odor	Slight	Decomposition Temperature	Not Available

9.2 Environmental Properties

Percent Volatile	89.73 % wt	VOC Regulatory	95.18 g/L (0.79 lbs/gal)
Percent VOC	0.01 % wt	VOC Actual	0.05 g/L (0.00 lbs/gal)
Percent HAP	0.00 % wt	HAP Content	0.00 g/L (0.00 lbs/gal)
Global Warming Potential	0.00 GWP	Maximum Incremental Reactivity	0.1535 g O3/g
Ozone Depletion Potential	0.00 ODP		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity : No specific test data related to reactivity is available for this products or its ingredients.

10.2 Chemical Stability

Chemical Stability : This product is stable.

10.3 Possibility of Hazardous Reactions

Hazardous Reactions : Under normal conditions of storage and use, hazardous reactions are not expected to occur.

10.4 Conditions to Avoid

Conditions to Avoid : Flames.

10.5 Incompatible Materials

Materials to Avoid : Strong Oxidizing Agents, Strong Reducing Agents, Alkali Metals, Strong Acids, Bases, Acid Anhydrides, Calcium Hypochlorite, Perchloric Acid, Nitrating Agents, Metal Hydrides, Halogenating Agents, Acid Halogenides.

10.6 Hazardous Decomposition Products

Thermal Decomposition : Oxides of carbon, Oxides of nitrogen, Aldehydes, Nitrosamines may be formed in contact with nitrating agents, Cyano Compounds, Poisonous gases, such as NOx, may be released under fire conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

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 Version: 7.0 (EN)-US
 Page: 5/7

GC4A Hoppe's Elite Gun Cleaner

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

11.1 Information on Toxicological Effects

Routes Of Exposure	: Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.
Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure	: See Section 4.2
Skin Corrosion/Irritation	: Not classified
Eye Damage/Irritation	: Not classified
Respiratory or Skin Sensitization	: Not classified
Germ Cell Mutagenicity	: Not classified
Reproductive Toxicity	: Not classified
STOT-Single Exposure	: Not classified
STOT-Repeated Exposure	: Not classified
Aspiration Hazard	: Not classified
Vaporizer	: Aerosol
Carcinogen Data	: None of the ingredients in the product are listed with OSHA, IARC, NTP or ACGIH as being a suspected or known carcinogen in a concentration greater than 0.1% by weight.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity and Ecological Properties

Nitrogen (7727-37-9)

Persistence and Degradability	Not applicable (gas).
Biochemical Oxygen Demand	Not applicable
Chemical Oxygen Demand	Not applicable
Theoretical Oxygen Demand	Not applicable
Log Pow	0.67 (Experimental value)
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal	: Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.
Waste Disposal Of Packaging	: In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.
Landfill Precautions	: Not Available.
Incineration Precautions	: ** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE **.

SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	: UN1950	UN1950	UN1950
14.2 UN Proper Shipping Name	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Proper Shipping Name	: Aerosols, Limited Quantity	Aerosols, Non-Flammable, Limited Quantity	Aerosols, Limited Quantity
14.3 Transport Hazard Class(es)	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	: 2.2	2.2	2.2
Labels	: None	2.2 - Non-flammable gas	None


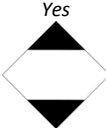

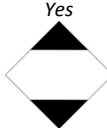
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Revision Date: 12/12/2022
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Version: 7.0 (EN)-US
Page: 6/7

GC4A Hoppe's Elite Gun Cleaner

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

					
Limited Quantity	:	Yes 	Yes 	Yes 	
EmS Code	:	Not Applicable	Not Applicable	F-D, S-U	

14.4 Packing Group	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Packing Group	None	None	None

14.5 Environmental Hazards	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Marine Pollutant	No	No	No

14.6 Special Precautions	
Precautions	: None Identified

14.7 Transport in Bulk	
Remarks	: Not applicable for product as supplied

SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations

SARA Section 313	:	This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
TSCA Section 12(b)	:	This product or mixture is not known to contain a chemical or chemicals subject to the export notification requirements of section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D
CERCLA Reportable Quantity	:	This product or mixture is not known to contain a chemical or chemicals subject to the release reporting requirements of section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

15.2 State Regulations

California Proposition 65	:	This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm								
State Right-to-Know Lists	:	The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated								
		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; border: 1px solid black;">Nitrogen (7727-37-9)</td> <td style="border: 1px solid black;">U.S. - New Jersey - Right to Know Hazardous Substance List</td> </tr> <tr> <td style="border: 1px solid black;">Glycerin (56-81-5)</td> <td style="border: 1px solid black;">U.S. - New Jersey - Right to Know Hazardous Substance List</td> </tr> <tr> <td style="border: 1px solid black;">Triethanolamine (102-71-6)</td> <td style="border: 1px solid black;">U.S. - New Jersey - Right to Know Hazardous Substance List</td> </tr> <tr> <td style="border: 1px solid black;">2-Butoxyethanol (111-76-2)</td> <td style="border: 1px solid black;">U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List</td> </tr> </table>	Nitrogen (7727-37-9)	U.S. - New Jersey - Right to Know Hazardous Substance List	Glycerin (56-81-5)	U.S. - New Jersey - Right to Know Hazardous Substance List	Triethanolamine (102-71-6)	U.S. - New Jersey - Right to Know Hazardous Substance List	2-Butoxyethanol (111-76-2)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
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SECTION 16 - OTHER INFORMATION

Indication of changes	:	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #e1f5fe;"> <th style="width: 10%;">Section</th> <th style="width: 70%;">Changed item</th> <th style="width: 20%;">Change</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Supersedes</td> <td style="text-align: center;">Modified</td> </tr> <tr> <td style="text-align: center;">1</td> <td>Revision date</td> <td style="text-align: center;">Modified</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Composition/Information on ingredients</td> <td style="text-align: center;">Modified</td> </tr> <tr> <td style="text-align: center;">9</td> <td>Boiling point</td> <td style="text-align: center;">Modified</td> </tr> <tr> <td style="text-align: center;">9</td> <td>Auto-ignition temperature</td> <td style="text-align: center;">Modified</td> </tr> <tr> <td style="text-align: center;">9</td> <td>Explosive limits (vol %)</td> <td style="text-align: center;">Modified</td> </tr> <tr> <td style="text-align: center;">9</td> <td>Flash point</td> <td style="text-align: center;">Modified</td> </tr> </tbody> </table>	Section	Changed item	Change	1	Supersedes	Modified	1	Revision date	Modified	3	Composition/Information on ingredients	Modified	9	Boiling point	Modified	9	Auto-ignition temperature	Modified	9	Explosive limits (vol %)	Modified	9	Flash point	Modified
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Issue Date: 3/12/2012
Version: 7.0 (EN)-US
Page: 7/7

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

9	Density	Modified
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