

SAFETY DATA SHEET

Part No. P7505CT (Aerosol)

Print Date: 10/19/2018
Revision Date: 10/19/2018
Supersedes Date: 5/15/2018
Issue Date: 8/13/2015
Version: 4.0 (EN)-US
Page: 1/10

Gun Medic Action 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 : Gun Medic Action Cleaner
Manufacturer Product Number : P7505CT
Supplier Product Numbers : GM1

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

Flam. Aerosol 1	H222	Physical Hazards	Flammable aerosol Category 1
Press. Gas (Diss.)	H280	Physical Hazards	Gases under pressure Dissolved gas
Eye Irrit. 2	H319	Health Hazards	Serious eye damage/eye irritation Category 2
Stot Se 1	H370	Health Hazards	Specific target organ toxicity (single exposure) Category 1
Stot Se 3	H336	Health Hazards	Specific target organ toxicity (single exposure) Category 3, Narcosis

2.2 Label Elements

Hazard Pictograms



Signal Word

Danger

Hazard Statements

H222 : Extremely flammable aerosol
H280 : Contains gas under pressure; may explode if heated
H319 : Causes serious eye irritation
H336 : May cause drowsiness or dizziness
H370 : Causes damage to organs

Precautionary Statements

P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

SAFETY DATA SHEET

Part No. P7505CT (Aerosol)

Print Date: 10/19/2018
Revision Date: 10/19/2018
Supersedes Date: 5/15/2018
Issue Date: 8/13/2015
Version: 4.0 (EN)-US
Page: 2/10

Gun Medic Action Cleaner

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

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 spray.
P264	: Wash hands thoroughly after handling.
P270	: Do not eat, drink or smoke when using this product.
P271	: Use only outdoors or in a well-ventilated area.
P280	: Wear protective gloves and eye protection.
P304+P340	: If inhaled: Remove person to fresh air and keep 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
P307+P311	: If exposed: Call a poison center/doctor
P312	: Call physician if you feel unwell
P337+P313	: If eye irritation persists: Get medical advice/attention.
P403	: Store in a well-ventilated place.
P410+P412	: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	: Dispose of contents/container to local regulations

2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : None Identified.

2.4 Unknown acute toxicity

20% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
20% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : Mixture

3.2 Composition

Substance name	CAS Number	% wt*	Classification
Ethanol	64-17-5	30 - 60	Flam. Liq. 2, H225 Eye Irrit. 2A, H319
Propane	74-98-6	10 - 30	Flam. Gas 1, H220 Press. Gas (Diss.), H280
Acetone	67-64-1	10 - 30	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Methyl Acetate	79-20-9	10 - 30	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Methanol	67-56-1	1 - 5	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:vapour), H331 STOT SE 1, H370
Ethyl Acetate	141-78-6	1 - 5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336

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.

SAFETY DATA SHEET

Part No. P7505CT (Aerosol)

Print Date: 10/19/2018
Revision Date: 10/19/2018
Supersedes Date: 5/15/2018
Issue Date: 8/13/2015
Version: 4.0 (EN)-US
Page: 3/10

Gun Medic Action Cleaner

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

- Eye Contact** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- 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, Nose Irritation, Throat Irritation, Dermatitis, Central Nervous System Depression, Confusion, Skin Irritation, Headache, Dizziness, Nausea, Narcosis, Upper Respiratory Tract Irritation, Drowsiness, Vomiting, Optical Nerve Damage, Chest Tightness.
- Delayed Effects** : No known delayed effects.
- Immediate Effects** : No known immediate effects.
- Chronic Effects** : Methyl alcohol may be fatal or cause blindness if swallowed. Because of defatting properties, repeated skin contact can cause skin damage such as chap, dermatitis, inflammation and the formation of eczema.
- Target Organs** : Central Nervous System, Eyes, Gastrointestinal Tract, Respiratory System, Skin.

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. Extremely flammable. In a fire or if heated, a pressure increase will occur which may result in container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.

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

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.

SAFETY DATA SHEET

Part No. P7505CT (Aerosol)

Print Date: 10/19/2018
Revision Date: 10/19/2018
Supersedes Date: 5/15/2018
Issue Date: 8/13/2015
Version: 4.0 (EN)-US
Page: 4/10

Gun Medic Action Cleaner

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

- 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 2 Aerosol per NFPA 30B

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Propane (74-98-6)

OSHA	OSHA PEL (TWA) (mg/m ³)	1800 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
NIOSH	US IDLH (ppm)	2100 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	1800 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
California	California PEL (TWA) (mg/m ³)	1800 mg/m ³
California	California PEL (TWA) (ppm)	1000 ppm

Ethanol (64-17-5)

ACGIH	ACGIH Ceiling (mg/m ³)	1000 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	1900 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
NIOSH	US IDLH (ppm)	3300 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	1900
NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
California	California PEL (TWA) (mg/m ³)	1900 mg/m ³
California	California PEL (TWA) (ppm)	1000 ppm

Methanol (67-56-1)

ACGIH	ACGIH TWA (mg/m ³)	200 ppm
ACGIH	ACGIH Ceiling (mg/m ³)	250 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	260 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
NIOSH	US IDLH (ppm)	6000 ppm
NIOSH	NIOSH REL (TWA) (ppm)	200 ppm
California	California PEL (TWA) (mg/m ³)	260 mg/m ³
California	California PEL (TWA) (ppm)	200 ppm
California	California PEL (STEL) (mg/m ³)	325 mg/m ³
California	California PEL (STEL) (ppm)	250 ppm

SAFETY DATA SHEET

Part No. P7505CT (Aerosol)

Print Date: 10/19/2018
Revision Date: 10/19/2018
Supersedes Date: 5/15/2018
Issue Date: 8/13/2015
Version: 4.0 (EN)-US
Page: 5/10

Gun Medic Action Cleaner

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

Methanol (67-56-1)		
California	California PEL (Ceiling) (ppm)	1000 ppm
Biological Exposure Index	Methanol in Urine, End of shift (B,Ns)	15 mg/l

Ethyl Acetate (141-78-6)		
ACGIH	ACGIH TWA (mg/m ³)	400 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	1400 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	400 ppm
NIOSH	US IDLH (ppm)	2000 ppm
NIOSH	NIOSH REL (TWA) (ppm)	400 ppm
California	California PEL (TWA) (mg/m ³)	1400 mg/m ³
California	California PEL (TWA) (ppm)	400 ppm

Acetone (67-64-1)		
ACGIH	ACGIH TWA (mg/m ³)	250 ppm
ACGIH	ACGIH Ceiling (mg/m ³)	500 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	2400 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
NIOSH	US IDLH (ppm)	2500 ppm
NIOSH	NIOSH REL (TWA) (ppm)	250 ppm
California	California PEL (TWA) (mg/m ³)	1200 mg/m ³
California	California PEL (TWA) (ppm)	500 ppm
California	California PEL (STEL) (mg/m ³)	1780 mg/m ³
California	California PEL (STEL) (ppm)	750 ppm
California	California PEL (Ceiling) (ppm)	3000 ppm
Biological Exposure Index	Acetone in urine, End of shift (Ns)	25 mg/l

Methyl Acetate (79-20-9)		
ACGIH	ACGIH TWA (mg/m ³)	200 ppm
ACGIH	ACGIH Ceiling (mg/m ³)	250 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	610 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
NIOSH	US IDLH (ppm)	3100 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	610 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	200 ppm
NIOSH	NIOSH REL (STEL) (mg/m ³)	760 mg/m ³
NIOSH	NIOSH REL (STEL) (ppm)	250 ppm
California	California PEL (TWA) (mg/m ³)	610 mg/m ³
California	California PEL (TWA) (ppm)	200 ppm
California	California PEL (STEL) (mg/m ³)	760 mg/m ³
California	California PEL (STEL) (ppm)	250 ppm

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. Where eye contact with this material could occur, chemical splash proof goggles are recommended. |
| 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. |
| Respiratory Protection | : An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. |
| Compliance | : If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary. |
| Other Protective Equipment | : Safety showers and eye-wash stations should be available in the workplace near where the material will be used. |
| Environmental Exposure Controls | : Avoid release to the environment. |

SAFETY DATA SHEET

Part No. P7505CT (Aerosol)

Print Date: 10/19/2018
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Supersedes Date: 5/15/2018
Issue Date: 8/13/2015
Version: 4.0 (EN)-US
Page: 6/10

Gun Medic Action Cleaner

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

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Properties

Boiling Point	> 55.60 °C	Melting / Freezing Point	> -98.00 °C
Flash Point, Liquid	> -17.20 °C	Flash Point, Propellant	-104.40 °C
Explosive Limits	LEL: 2.00 UEL: 36.00 vol %	Autoignition Temperature, Liquid	454.00 °C
Flammability	Extremely Flammable Aerosol	Density	0.735 g/cm ³
Molecular Weight	Not Available	Weight	6.134 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	12900.69 BTU/lb
Appearance / Color	White water liquid	Water Solubility	Not Available
Odor	Characteristic	Decomposition Temperature	Not Available

9.2 Environmental Properties

Percent Volatile	100.00 % wt	VOC Regulatory	734.51 g/L (6.13 lbs/gal)
Percent VOC	74.00 % wt	VOC Actual	543.90 g/L (4.54 lbs/gal)
Percent HAP	2.16 % wt	HAP Content	15.88 g/L (0.13 lbs/gal)
Global Warming Potential	0.79 GWP	Maximum Incremental Reactivity	0.9500 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 : Electrostatic Discharge, Other Ignition Sources, Heat, Flames, Sparks.

10.5 Incompatible Materials

Materials to Avoid : Strong Oxidizing Agents, Strong Reducing Agents, Alkali Metals, Strong Acids, Potassium t-Butoxide, Halogen Compounds, Hydrogen Peroxide.

10.6 Hazardous Decomposition Products

Thermal Decomposition : Oxides of carbon, Formaldehyde, Methanol, Acetic Acid.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Propane (CAS: 74-98-6 / EC: 200-827-9)

LC50 Inhalation (Rat) 658 mg/l/4h (Lit.)

Ethanol (CAS: 64-17-5 / EC: 200-578-6)

LD50 Oral (Rat) 10740 mg/kg (MERCK)

LD50 Dermal (Rabbit) > 15800 mg/kg (ChemInfo)

LC50 Inhalation (Rat) 124.7 mg/l/4h (MERCK)

SAFETY DATA SHEET

Part No. P7505CT (Aerosol)

Print Date: 10/19/2018
 Revision Date: 10/19/2018
 Supersedes Date: 5/15/2018
 Issue Date: 8/13/2015
 Version: 4.0 (EN)-US
 Page: 7/10

Gun Medic Action Cleaner

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

Ethanol (CAS: 64-17-5 / EC: 200-578-6)

LC50 Inhalation (Rat) 32380 ppm/4h (ChemInfo)

Methanol (CAS: 67-56-1 / EC: 200-659-6)

LD50 Oral (Rat) 5850 mg/kg (ChemInfo)
 LD50 Dermal (Rabbit) 15800 mg/kg (RTECS)
 LC50 Inhalation (Rat) 131.25 mg/l/4h (ECHA)
 LC50 Inhalation (Rat) 64000 ppm/4h (ChemInfo)

Ethyl Acetate (CAS: 141-78-6 / EC: 205-500-4)

LD50 Oral (Rat) 5620 mg/kg (RTECS)
 LD50 Dermal (Rabbit) > 18000 mg/kg (Sigma-Aldrich)
 LC50 Inhalation (Rat) 10600 ppm/4h (ChemInfo)

Acetone (CAS: 67-64-1 / EC: 200-662-2)

LD50 Oral (Rat) 5800 mg/kg (Sigma-Aldrich)
 LD50 Dermal (Rabbit) 20000 mg/kg (IUCLID)
 LC50 Inhalation (Rat) 76 mg/l/4h (GESTIS Substance Database)

Methyl Acetate (CAS: 79-20-9 / EC: 201-185-2)

LD50 Oral (Rat) 6970 mg/kg (Lit.)
 LD50 Dermal (Rabbit) > 5000 mg/kg (RTECS)
 LC50 Inhalation (Rat) > 49.28 mg/l/4h (External SDS)
 LC50 Inhalation (Rat) 16000 - 32000 (ChemInfo)

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 : Causes serious eye irritation.
Respiratory or Skin Sensitization : Not classified
Germ Cell Mutagenicity : Not classified
Reproductive Toxicity : Not classified
STOT-Single Exposure : Causes damage to organs. May cause drowsiness or dizziness.
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

Propane (74-98-6)

Persistence and Degradability Readily biodegradable in water. Not applicable (gas). Photodegradation in the air.
 BCF Fish 9 - 25 (BCF)
 Log Pow 2.28 (Calculated)
 Bioaccumulative Potential Low potential for bioaccumulation (Log Kow < 4).

Ethanol (64-17-5)

LC50 Fish 14200 mg/l Fathead Minnow - 96h
 EC50 Daphnia 9268 - 14221 mg/l Water Flea - 48hr
 Persistence and Degradability Biodegradability 94% / 28 days.
 Biochemical Oxygen Demand 0.8 - 0.967 g O₂/g substance
 Chemical Oxygen Demand 1.7 g O₂/g substance
 Theoretical Oxygen Demand 2.1 g O₂/g substance
 Log Pow -0.35 (Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 24 °C)
 Bioaccumulative Potential Low potential for bioaccumulation (Log Kow < 4).

SAFETY DATA SHEET

Part No. P7505CT (Aerosol)

Print Date: 10/19/2018
 Revision Date: 10/19/2018
 Supersedes Date: 5/15/2018
 Issue Date: 8/13/2015
 Version: 4.0 (EN)-US
 Page: 8/10

Gun Medic Action Cleaner

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

Methanol (67-56-1)

LC50 Fish	15400 mg/l Bluegill Sunfish - 96h
EC50 Daphnia	> 10000 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	22000 mg/l Freshwater Algae - 96hr
Persistence and Degradability	Biodegradability 72% / 5 days.
Biochemical Oxygen Demand	0.6 - 1.12 g O ₂ /g substance
Chemical Oxygen Demand	1.42 g O ₂ /g substance
Theoretical Oxygen Demand	1.5 g O ₂ /g substance
BCF Fish	< 10 (BCF; 72 h; <i>Leuciscus idus</i>)
Log Pow	-0.77 (Experimental value; Other)
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	0.44

Ethyl Acetate (141-78-6)

LC50 Fish	450 - 600 mg/l Rainbow Trout - 96hr
LC50 Fish	220 - 250 mg/l Fathead Minnow - 96h
LC50 Other Aquatic Organisms	560 mg/l Water Flea - 48hr
EC50 Daphnia	2300 - 3090 mg/l Water Flea - 24hr
EC50 Other Aquatic Organisms	4300 mg/l Green Algae - 24hr
Persistence and Degradability	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.
Biochemical Oxygen Demand	0.293 g O ₂ /g substance
Chemical Oxygen Demand	1.69 g O ₂ /g substance
Theoretical Oxygen Demand	1.82 g O ₂ /g substance
Biodegradation	100 % 28 Days
BCF Fish	30
Log Pow	0.73
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	0.778

Acetone (67-64-1)

LC50 Fish	5540 mg/l Rainbow Trout - 96hr
LC50 Fish	8300 mg/l Bluegill Sunfish - 96h
EC50 Daphnia	8800 mg/l Water Flea - 48hr
Persistence and Degradability	Biodegradability 90% / 28 days.
Biochemical Oxygen Demand	1.43 g O ₂ /g substance
Chemical Oxygen Demand	1.92 g O ₂ /g substance
Theoretical Oxygen Demand	2.2 g O ₂ /g substance
BCF Fish	0.69
BCF Other Aquatic Organisms	3
Log Pow	-0.24

Methyl Acetate (79-20-9)

LC50 Fish	250 - 350 mg/l Zebra Fish - 96hr
EC50 Daphnia	1026.7 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	> 120 mg/l Green Algae - 72hr
EC50 Other Aquatic Organisms	6100 mg/l Bacteria - 30min
Persistence and Degradability	Readily biodegradable in water. Inherently biodegradable. Highly mobile in soil.
Chemical Oxygen Demand	1511.8 mg/g
Theoretical Oxygen Demand	1510 mg/g
Biodegradation	70 % 28 Days
BCF Fish	< 1 (BCF)
Log Pow	0.18
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	0.68

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.

SAFETY DATA SHEET

Part No. P7505CT (Aerosol)

Print Date: 10/19/2018
Revision Date: 10/19/2018
Supersedes Date: 5/15/2018
Issue Date: 8/13/2015
Version: 4.0 (EN)-US
Page: 9/10

Gun Medic Action Cleaner


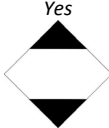

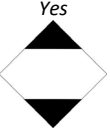
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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, Flammable, Limited Quantity	Aerosols, Limited Quantity
14.3 Transport Hazard Class(es)	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	2.1	2.1	2.1
Labels	None	2.1 - Flammable gas	None
			
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 : <i>None Identified</i>		
14.7 Transport in Bulk	Remarks : <i>Not applicable for product as supplied</i>		

SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations								
SARA Section 313	: <i>Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.</i>							
	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td style="width: 33%;">Methanol</td> <td style="width: 33%;">CAS-No. 67-56-1</td> <td style="width: 33%;">1 - 5%</td> </tr> </table>	Methanol	CAS-No. 67-56-1	1 - 5%				
Methanol	CAS-No. 67-56-1	1 - 5%						
TSCA Section 12(b)	: <i>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</i>							
CERCLA Reportable Quantity	: <i>Chemical(s) subject to reporting requirements of Section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) if released to the environment at or above the reportable quantity</i>							
	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td style="width: 33%;">Methanol</td> <td style="width: 33%;">CAS-No. 67-56-1</td> <td style="width: 33%;">5000 lb</td> </tr> <tr> <td>Ethyl Acetate</td> <td>CAS-No. 141-78-6</td> <td>5000 lb</td> </tr> </table>	Methanol	CAS-No. 67-56-1	5000 lb	Ethyl Acetate	CAS-No. 141-78-6	5000 lb	
Methanol	CAS-No. 67-56-1	5000 lb						
Ethyl Acetate	CAS-No. 141-78-6	5000 lb						

SAFETY DATA SHEET

Part No. P7505CT (Aerosol)

Print Date: 10/19/2018
Revision Date: 10/19/2018
Supersedes Date: 5/15/2018
Issue Date: 8/13/2015
Version: 4.0 (EN)-US
Page: 10/10

Gun Medic Action Cleaner

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Acetone	CAS-No. 67-64-1	5000 lb
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TSCA Inventory (United States) : All chemical substances in this product are listed on the Toxic Substances Control Act (TSCA) Inventory or are in compliance with a TSCA Inventory exemption.

15.2 State Regulations

California Proposition 65 : This product may contain trace amounts of Bisphenol A (BPA), a chemical known to the State of California to cause birth defects or reproductive harm. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Methanol (67-56-1)	Developmental Toxicity	Yes	2.16 %
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State Right-to-Know Lists : The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated

Propane (74-98-6)	U.S. - New Jersey - Right to Know Hazardous Substance List
Ethanol (64-17-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
Methanol (67-56-1)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Ethyl Acetate (141-78-6)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Acetone (67-64-1)	U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Methyl Acetate (79-20-9)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16 - OTHER INFORMATION

Indication of changes :

Section	Changed item	Change
1	Supersedes	Modified
1	Change to Supplier Details	Modified
1	Revision date	Modified

Full Text of H-Statements :

H Code	H Phrase
H220	Extremely flammable gas
H225	Highly flammable liquid and vapour
H280	Contains gas under pressure; may explode if heated
H301	Toxic if swallowed
H311	Toxic in contact with skin
H319	Causes serious eye irritation
H331	Toxic if inhaled
H336	May cause drowsiness or dizziness
H370	Causes damage to organs

Disclaimer of Liability

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