

## SECTION 1 - IDENTIFICATION

**Product Identifier**

Product Number(s) *P6947CT*  
 Product Name *Hoppe's GC4A Elite Gun Cleaner*  
 Other Means of Identification *None*  
 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against  
 Identified Uses *Gun Cleaner*  
 Restrictions On Use *None identified*

**24 hr Emergency  
Phone Number**

**800-255-3924**  
(Chem-Tel – Contract #MIS001566)

Manufacturer Details		Supplier Details	
Manufacturer Name	<i>Chem-Pak, Inc.</i>	Supplier Name	<i>Bushnell Outdoor Products</i>
Address	<i>242 Corning Way Martinsburg WV 25405</i>	Address	<i>9200 Cody Overland Park KS 66214</i>
Phone Number	<i>800-336-9828</i>	Phone Number	<i>913-752-3563</i>
Fax Number	<i>304-262-9643</i>	Fax Number	<i>913-752-3533</i>

## SECTION 2 - HAZARDS IDENTIFICATION

**GHS/CLP (1272/2008) Classification of the Substance or Mixture**

HEALTH HAZARDS				PHYSICAL HAZARDS					
Acute Tox. Oral	<input type="checkbox"/>	Mutagenicity	<input type="checkbox"/>	Unstable Explosive	<input type="checkbox"/>	Refrigerated Liq. Gas	<input type="checkbox"/>	Pyrophoric Solid	<input type="checkbox"/>
Acute Tox. Skin	<input type="checkbox"/>	Carcinogenicity	<input type="checkbox"/>	Explosive	<input type="checkbox"/>	Flammable Liquid	<input type="checkbox"/>	Emits Flammable Gas	<input type="checkbox"/>
Acute Tox. Inhalation	<input type="checkbox"/>	Tox. to Reproduction	<input type="checkbox"/>	Flammable Gas	<input type="checkbox"/>	Flammable Solid	<input type="checkbox"/>	Oxidizing Liquid	<input type="checkbox"/>
Skin Irritation	<input type="checkbox"/>	STOT SE	<input type="checkbox"/>	Aerosol	<input type="checkbox" value="3"/>	Self-Reactive Sub.	<input type="checkbox"/>	Oxidizing Solid	<input type="checkbox"/>
Eye Irritation	<input type="checkbox" value="2A"/>	STOT RE	<input type="checkbox"/>	Oxidizing Gas	<input type="checkbox"/>	Pyrophoric Liquid	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>
Resp. Sensitization	<input type="checkbox"/>	Aspiration Hazard	<input type="checkbox"/>	Gas Under Pressure	<input type="checkbox"/>	Self-Heating Substance	<input type="checkbox"/>	Corrosive to Metal	<input type="checkbox"/>
Skin Sensitization	<input type="checkbox"/>		<input type="checkbox"/>	<b>ENVIRONMENTAL HAZARDS</b>					
	<input type="checkbox"/>		<input type="checkbox"/>	Aquatic Acute	<input type="checkbox"/>	Aquatic Chronic	<input type="checkbox"/>	Ozone Depleting	<input type="checkbox"/>

**GHS/CLP (1272/2008) Label Elements**

**Hazard Pictograms**



**Signal Word**

**WARNING!**

**Hazard Statements**

*Pressurized container: may burst if heated. Causes serious eye irritation.*

**Precautionary Statements**

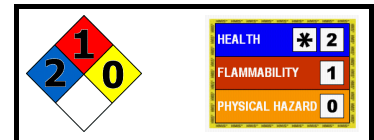
**General**

*Keep out of reach of children.*

**Prevention**

*Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.*

**NFPA / HMIS Classification**



<b>Response</b>	<i>IF IN EYES: 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.</i>
<b>Storage</b>	<i>Not Applicable</i>
<b>Disposal</b>	<i>Not Applicable</i>

**Other Hazards Which Do Not Result In Classification**

<b>Hazards</b>	<i>None known</i>
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## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

ID	INGREDIENT	CAS NUMBER	EC NUMBER	INDEX NUMBER	% WT RANGE
1	<i>Butyl Carbitol</i>	<i>0000112-34-5</i>	<i>203-961-6</i>	<i>603-096-00-8</i>	<i>10 - 30</i>
2	<i>Nitrogen</i>	<i>0007727-37-9</i>	<i>231-783-9</i>	<i>-</i>	<i>1 - 5</i>

## SECTION 4 - FIRST-AID MEASURES

**Description of First-Aid Measures**

<b>Eye Contact</b>	<i>Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.</i>
<b>Skin Contact</b>	<i>Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.</i>
<b>Ingestion</b>	<i>Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.</i>
<b>Inhalation</b>	<i>Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.</i>
<b>First-Aid Responder Protection</b>	<i>Wear adequate personal protective equipment based on the nature and severity of the emergency.</i>

**Most Important Symptoms and Effects, Both Acute and Delayed**

<b>Eye Contact</b>	<i>Liquid contact may cause pain along with moderate eye irritation.</i>
<b>Skin Contact</b>	<i>Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.</i>
<b>Ingestion</b>	<i>Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema.</i>
<b>Inhalation</b>	<i>Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnea are also possible.</i>

**Indication of Immediate Medical Attention and Special Treatment**

<b>Notes to Physician</b>	<i>Treat symptomatically.</i>
<b>Specific Treatments/Antidotes</b>	<i>Details on specific treatments and/or antidotes are not available.</i>
<b>Immediate Medical Attention</b>	<i>No information available.</i>

## SECTION 5 - FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

<b>Extinguishing Media</b>	<i>Water, CO2, dry chemical, or universal aqueous film forming foam</i>
<b>Unsuitable Media</b>	<i>Water jet</i>

**Specific Hazards Arising from the Chemical or Mixture**

<b>Decomposition Products</b>	<i>Decomposition products may include oxides of carbon (CO, CO2), smoke, and/or vapors.</i>
<b>Hazards from the Product</b>	<i>Contents under pressure. In a fire or if heated, a pressure increase will occur which may result in container bursting.</i>
<b>Mechanical Impact Sensitivity</b>	<i>Mechanical impact may cause aerosol can to rupture, resulting in a rapid release of its contents.</i>
<b>Static Discharge Sensitivity</b>	<i>Probably not sensitive.</i>

**Special Protection Actions for Fire-Fighters**

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

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**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 Responders** *Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.*

**Environmental Precautions**

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

**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. DO NOT use combustible material such as sawdust.*
- 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. See Section 13 for disposal.*
- Prohibited Materials** *Combustible absorbent material such as sawdust, use of equipment that may cause sparking.*

## SECTION 7 - HANDLING AND STORAGE

**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. Wash hands after use.*
- 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.*

**Conditions for Safe Storage Including And Incompatibilities**

- Storage Requirements** *Storage of individual cans should be done in an area below 120 °F (55 °C), 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. This product is classified as a Level 1 Aerosol.*
- Incompatibilities** *Segregate storage away from materials indicated in Section 10.*

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control Parameters**

**Occupational Exposure Limits**

ID	CANADA									UNITED STATES			
	AUSTRALIA TWA	ALBERTA OEL	BC TWA	ONTARIO TWA/EV	QUEBEC TWA	GERMANY MAK	JAPAN OEL	MEXICO MP/EL-PTA	UK WEL	OSHA PEL	NIOSH REL	NIOSH IDLH	ACGIH TLV
1	—	—	—	—	—	100 mg/m <sup>3</sup>	—	—	—	—	—	—	—

**Biological Exposure Indices**

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
—	—	—	—	—

Other Control Parameters *Not available.*

**Appropriate Engineering Control**

**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.*

**Individual Protection Measures**

**Hygiene Considerations** *Avoid breathing vapors and contact with the skin and eyes. Always replace overcap when not in use. Keep out the reach of children. Wash hands after use.*

**Thermal Hazards** *This product does not present a thermal hazard.*

**Respiratory Protection** *Respiratory protection is not anticipated to be needed.*

**Skin Protection** *For brief contact, no precautions other than clean body-covering clothing should be needed.*

**Eye/Face Protection** *Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling.*

**Other Protective Equipment** *Not Applicable*

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point</b>	<i>&gt; 103.9 °C (219.0 °F)</i>	<b>Melting / Freezing Point</b>	<i>&gt; -69.2 °C (-92.6 °F)</i>
<b>Flash Point, Liquid</b>	<i>Non-Flammable</i>	<b>Flash Point, Propellant</b>	<i>Non-Flammable</i>
<b>Explosive Limits</b>	<i>Not Available</i>	<b>Autoignition Temperature, Liquid</b>	<i>Not Determined</i>
<b>Flammability</b>	<i>Non-Flammable Aerosol</i>	<b>Relative Density (H2O = 1)</b>	<i>1.012 g/cc</i>
<b>Molecular Weight</b>	<i>Not Available</i>	<b>Weight</b>	<i>8.448 lbs/gal</i>
<b>Vapor Pressure</b>	<i>1933.66 psig</i>	<b>pH</b>	<i>Not Available</i>
<b>Vapor Density</b>	<i>Not Available</i>	<b>Evaporation Rate</b>	<i>Not Available</i>
<b>Form</b>	<i>Pressurized Product</i>	<b>Partition Coefficient</b>	<i>Not Available</i>
<b>Viscosity</b>	<i>Not Available</i>	<b>Refractive Index</b>	<i>Not Available</i>
<b>Odor Threshold</b>	<i>Not Available</i>	<b>Heat of Combustion</b>	<i>Not Available</i>
<b>Odor</b>	<i>Slight</i>	<b>Water Solubility</b>	<i>Not Available</i>
<b>Appearance / Color</b>	<i>Clear, colorless</i>	<b>Decomposition Temperature</b>	<i>Not Available</i>
<b>Percent Volatile</b>	<i>15% Wt (16% Vol) Max</i>	<b>VOC Content</b>	<i>None</i>
<b>Percent VOC</b>	<i>None</i>	<b>HAP Content</b>	<i>None</i>
<b>Solids/Non Volatile Content</b>	<i>86% Wt (85% Vol) Max</i>	<b>Maximum Incremental Reactivity</b>	<i>0.422 g O3/g</i>

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Reactivity</b>	<i>No specific test data related to reactivity is available for this products or its ingredients.</i>
<b>Chemical Stability</b>	<i>This product is stable.</i>
<b>Hazardous Reactions</b>	<i>Under normal conditions of storage and use, hazardous reactions are not expected to occur.</i>
<b>Conditions to Avoid</b>	<i>Keep away from heat, sparks, flame, and red hot metal.</i>
<b>Material Incompatibility</b>	<i>No known material incompatibilities.</i>
<b>Decomposition Products</b>	<i>Oxides of Carbon, may be formed depending on fire conditions.</i>

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Acute Toxicity**

ID	ORAL LD50		DERMAL LD50		INHALATION LC50		
	VALUE	SPECIES	VALUE	SPECIES	VALUE	TIME	SPECIES
1	5660 mg/kg	rat	4000 mg/kg	rabbit	-	-	-

<b>Skin Corrosion/Irritation</b>	<i>None of the ingredients are known to be corrosive to the skin or cause skin irritation.</i>
<b>Eye Damage/Irritation</b>	<i>Butyl Carbitol causes serious eye irritation.</i>
<b>Respiratory Irritation</b>	<i>None of the ingredients are known to cause respiratory irritation.</i>
<b>Respiratory or Skin Sensitization</b>	<i>None of the ingredients are known to cause sensitization.</i>
<b>Germ Cell Mutagenicity</b>	<i>None of the ingredients are known or suspected of causing genetic defects.</i>
<b>Carcinogen Data</b>	<i>None of the ingredients are known or suspected carcinogens.</i>
<b>Reproductive Toxicity</b>	<i>None of the ingredients are known to cause reproductive harm.</i>
<b>STOT-Single Exposure</b>	<i>None of the ingredients are known to cause specific target organ effects from a single exposure.</i>
<b>STOT-Repeated Exposure</b>	<i>None of the ingredients are known to cause specific target organ effects through prolonged or repeated exposure.</i>
<b>Aspiration Hazard</b>	<i>None of the ingredients are known to be an aspiration hazard.</i>

**Information on the Likely Routes of Exposure**

**Routes of Exposure** *Skin contact, skin absorption, eye contact, inhalation.*

**Symptoms Related to the Physical, Chemical and Toxicological Characteristics**

**Symptoms of Exposure** *No known symptoms of exposure.*

**Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure**

**Delayed Effects** *No known delayed effects.*  
**Immediate Effects** *No known immediate effects.*  
**Chronic Effects** *No known chronic effects.*  
**Medical Conditions Aggravated** *May aggravate personnel with pre-existing disorders associated with any of the Target Organs.*  
**Target Organs** *Not Applicable*

**Interactive Effects**

**Synergistic Effects** *No known synergistic effects.*

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity**

ID	FISH			INVERTEBRATES			AQUATIC PLANTS			MICROORGANISMS		
	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD
1	LC50	2000 mg/L	96h	EC50	>100 mg/L	48h	EC3	1000 mg/L	7d	EC10	1170 mg/L	16h

**Ecological Data**

ID	PERSISTENCE	PERSISTENCE AND DEGRADABILITY			BIOACCUMULATIVE POTENTIAL		MOBILITY
		BOD	COD	ThOD	Pow / Kow	BCF	
-	-	-	-	-	-	-	-

**Other Adverse Effects** *No additional information available.*

## SECTION 13 - DISPOSAL CONSIDERATIONS






**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

	UNITED STATES DOT	INTERNATIONAL AIR ICAO/IATA	INTERNATIONAL OCEAN IMDG	UNITED NATIONS ADR	CANADA TDG
ID Number	UN1950	UN1950	UN1950	UN1950	UN1950
Proper Shipping Name	Aerosols, Limited Quantity	Aerosols, Non-Flammable Gas, Limited Quantity	Aerosols, Limited Quantity	Aerosols, Limited Quantity	Aerosols, Limited Quantity
Hazard Class(es)	2.2	2.2	2.2	2.2	2.2
Packing Group	—	—	—	—	—
Environmental Hazards	No	No	No	No	No
Special Precautions	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hazard Labels					

Additional Shipping Details *Not available.*

## SECTION 15 - REGULATORY INFORMATION

### United States - Federal Regulations

ID	TSCA LISTED	SARA 302 EHS TPQ	RCRA	CERCLA	SARA 313	SARA 311/312					CLEAN AIR ACT		CLEAN WATER ACT
						FIRE	REACTIVITY	ACUTE	CHRONIC	PRESSURE	HAP	SOCMI	
1	Yes	—	—	—	—	—	—	Yes	—	—	—	—	—
2	Yes	—	—	—	—	—	—	—	—	—	—	—	—

### United States - State Regulations

ID	CA	DE	MA		ME		MN			NJ	NY		PA	WA	WI	WV	
	P-65	RQ	RTK CODES		TYPE	RQ	RTK	AIR	WATER	RTK	AIR	LAND	ACUTE	LISTED	PEL TWA	TABLE	TAP
2	—	—	4		—	—	—	—	—	—	—	—	—	Yes	—	—	—

### Canadian Regulations

ID	WHMIS CATEGORIES										CHEMICAL LISTS		
	A	B	C	D1A	D1B	D2A	D2B	D3	E	F	DSL	NDSL	NPRI
1	—	B3	—	—	—	—	X	—	—	—	Yes	—	5
2	X	—	—	—	—	—	—	—	—	—	Yes	—	—

#### CPR Notice

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

#### WHMIS Classification

A, B3, D2B

#### WHMIS Symbols



### European Union Regulations

ID	1907/2006 SVHC	1999/45/EC or 67/548/EEC CLASSIFICATION	HAZARD CODES	1272/2008 CLP PICTOGRAM CODES	SUPPL. CODES
	1	—	<i>Xi</i>	H319	GHS07, Wng

Classification According to EU Directive 1999/45/EC or 67/548/EEC (see Section 16 for full text)

**Pictograms**



**Risk Phrases**

36

**Safety Phrases**

2-26

**International Regulations**

**Chemical Weapons Convention**

None of the ingredients are listed on the convention's schedules.

## SECTION 16 - OTHER INFORMATION

**Full Text of EU Phrases and Precautionary Statements**

CODE	HAZARD STATEMENTS
H229	Pressurized container: may burst if heated.
H319	Causes serious eye irritation.

CODE	SUPPLEMENTAL HAZARDS
—	—

CODE	PRECAUTIONARY STATEMENTS
P102	Keep out of reach of children.
P210	Keep away from heat/sparks/open flames/hot surfaces. —No smoking.
P251	Pressurized container: Do not pierce or burn, even after use.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

CODE	RISK PHRASES
R 36	Irritating to eyes.

CODE	SAFETY PHRASES
S 2	Keep out of reach of children.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**SDS Revision History**

Revision 1, 03/12/2012, Original  
Revision 2, 10/26/2012, Updated to GHS Version 4 format.

**Disclaimer of Liability**

The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.

**References and Sources**

CAMEO Database of Hazardous Materials (<http://cameochemicals.noaa.gov>)  
 CHEMpendium Database (<http://ccinfoweb.ccohs.ca/chempendium/search.html>)  
 ChemSpider Chemical Database (<http://chemspider.com>)  
 European Chemical Substances Information System (<http://esis.jrc.ec.europa.eu>)  
 European Chemicals Agency (<http://echa.europa.eu>)  
 International Chemical Safety Cards (<http://www.cdc.gov/niosh/ipcs/ipcard.html>)  
 IUCLID Chemical Data Sheets Information System (<http://esis.jrc.ec.europa.eu/index.php?PGM=dat>)  
 Merck Chemical Database (<http://www.merckmillipore.co.uk/chemicals>)  
 NIOSH Pocket Guide to Chemical Hazards (<http://www.cdc.gov/niosh/npg/>)  
 Right to Know Hazardous Substance Fact Sheets (<http://web.doh.state.nj.us/rtkhsfs/indexfs.aspx>)  
 RTECS Database (<http://ccinfoweb.ccohs.ca/rtecs/search.html>)  
 SOLV-DB, Solvent Database (<http://solvdb.ncms.org/solvdb.htm>)  
 Toxic Substances Portal (<http://www.atsdr.cdc.gov/toxprofiles/index.asp>)  
 TOXNet (<http://toxnet.nlm.nih.gov>)

**Abbreviations Used**

ACGIH	American Conference of Industrial Hygienists	COD	Chemical Oxygen Demand
ADR	European Agreement ... International Carriage of Dangerous Goods by Road	CPR	Controlled Products Regulations (Canada)
BCF	Bioconcentration Factor	DE	Delaware
BEI	Biological Exposure Index	DOT	Department of Transportation (USA)
BOD	Biochemical Oxygen Demand	DSL	Domestic Substance List (Canada)
CA	California	EC	European Community
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (USA)	EC50	Effective Concentration 50%
CFR	Code of Federal Regulations (USA)	EHA	Extremely Hazardous Substance
CLP	Classification, Labelling and Packaging of Substances (Europe)	EPA	Environmental Protection Agency (USA)



# SAFETY DATA SHEET

Elite Gun Cleaner

GHS COMPLIANT

Part No. P6947CT Aerosol

Revision 2 / October 26, 2012

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g/cc	Grams per Cubic Centimeter	NDSL	Non-Domestic Substance List (Canada)
GHS	Globally Harmonized System	NIOSH	National Institute for Occupational Safety and Health (USA)
HAP	Hazardous Air Pollutant	NJ	New Jersey
IARC	International Agency for Research on Cancer	NOEC	No Observed Effect Concentration
IATA	International Air Transportation Association	NPRI	National Pollutant Release Inventory (Canada)
IC50	Half Maximal Inhibitory Concentration	NTP	National Toxicity Program (USA)
ICAO	International Civil Aviation Organization	NY	New York
IDLH	Immediately Dangerous to Life and Health	OEL	Occupational Exposure Limit
IMDG	International Maritime Dangerous Goods	OSHA	Occupational Safety and Health Administration (USA)
Kow	Octanol-Water Partition Coefficient	P-65	Proposition 65 (USA)
lbs/gal	Pounds per Gallon	PA	Pennsylvania
LC50	Lethal Concentration 50%	Pow	Octanol-Water Partition Coefficient
LD50	Lethal Dosage 50%	ppm	Parts per Million
MA	Massachusetts	psig	Pounds per Square Inch Gage
MAK	Maximale Arbeitsplatz Konzentration (Maximum Workplace Concentration)	RCRA	Resource Conservation and Recovery Act (USA)
Max	Maximum	REL	Recommended Exposure Limit
mg/L	Milligrams per Litre	RQ	Reportable Quantity
mg/m3	Milligrams per Cubic Meter	RTK	Right to Know
MN	Minnesota	SARA	Superfund Amendments and Reauthorization Act (USA)
MPEL-PTA	Maximum Permissible Exposure Limit on Pondered Time Average	SDS	Safety Data Sheet
		SOCMI	Synthetic Organic Chemical Manufacturing Industry (USA)
		STOT-RE	Suspected Target Organ Toxin, Repeat Exposure
		STOT-SE	Suspected Target Organ Toxin, Single Exposure
		SVHC	Substance of Very High Concern
		TAP	Toxic Air Pollutant
		TDG	Transportation of Dangerous Goods (Canada)
		ThOD	Theoretical Oxygen Demand
		TLV	Threshold Limit Value
		TPQ	Threshold Planning Quantity
		TSCA	Toxic Substances Control Act (USA)
		TWA	Time Weighted Average
		TWAEV	Time Weighted Average Exposure Value
		VOC	Volatile Organic Compound
		WA	Washington
		WEL	Workplace Exposure Limit
		WHMIS	Workplace Hazardous Materials Information System (Canada)
		WI	Wisconsin
		WV	West Virginia