

# SAFETY DATA SHEET

Part No. P7732CT (Aerosol)

Print Date: 11/28/2018  
Revision Date: 11/28/2018  
Supersedes Date: 8/3/2017  
Issue Date: 12/16/2016  
Version: 4.0 (EN)-US  
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## Hoppe's Black Lubricant Aerosol 4 oz

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

### SECTION 1 - IDENTIFICATION

#### 1.1 Product Identifier

Product Name : Hoppe's Black Lubricant Aerosol 4 oz  
 Manufacturer Product Number : P7732CT  
 Supplier Product Numbers : HBL4A

#### 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 Lubricant  
 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 (Comp.)	H280	Physical Hazards	Gases under pressure Compressed gas
Eye Irrit. 2	H319	Health Hazards	Serious eye damage/eye irritation Category 2
Skin Sens. 1	H317	Health Hazards	Skin sensitization, Category 1

#### 2.2 Label Elements

##### Hazard Pictograms



##### Signal Word

Danger

##### Hazard Statements

H222 : Extremely flammable aerosol  
 H280 : Contains gas under pressure; may explode if heated  
 H317 : May cause an allergic skin reaction  
 H319 : Causes serious eye irritation

##### Precautionary Statements

P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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.  
 P261 : Avoid breathing spray.

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- P264 : Wash hands thoroughly after handling.  
P272 : Contaminated work clothing must not be allowed out of the workplace  
P280 : Wear protective gloves and eye protection.  
P302+P352 : If on skin: Wash with plenty of water  
P305+P351+P338 : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P333+P313 : If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 : If eye irritation persists: Get medical advice/attention.  
P363 : Wash contaminated clothing before reuse.  
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

- 55.2% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
55.2% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
35.2% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

## 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	5 - 10	Flam. Gas 1, H220 Press. Gas (Diss.), H280
N-Butane	106-97-8	5 - 10	Flam. Gas 1, H220 Press. Gas (Diss.), H280
Isobutane	75-28-5	1 - 5	Flam. Gas 1, H220 Press. Gas (Diss.), H280
Dinonylnaphthalene Sulfonic Acid, Calcium Salt	57855-77-3	0.1 - 1	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Chronic 4, H413

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** : Get medical advice/attention if you feel unwell.  
**Inhalation** : Remove person to fresh air and keep comfortable for breathing.  
**Skin Contact** : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.  
**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, Confusion, Skin Irritation, Dizziness, Narcosis, Drowsiness.

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Delayed Effects	: No known delayed effects.
Immediate Effects	: No known immediate effects.
Chronic Effects	: No known chronic effects.
Target Organs	: Central Nervous System, Eyes, 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	: Extremely flammable. Contents under pressure. 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.
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### 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

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### 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

#### N-Butane (106-97-8)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1000 ppm
OSHA	OSHA PEL (TWA) (ppm)	800 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900
NIOSH	NIOSH REL (TWA) (ppm)	800 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	800 ppm

#### Propane (74-98-6)

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

#### Isobutane (75-28-5)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1000 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (ppm)	800 ppm

#### Ethanol (64-17-5)

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

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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	: Respiratory protection is not anticipated to be needed.
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.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Physical Properties

Boiling Point	> 78.39 °C	Melting / Freezing Point	> -114.15 °C
Flash Point, Liquid	> 8.00 °C	Flash Point, Propellant	-104.40 °C
Explosive Limits	LEL: 2.40 UEL: 15.00 vol %	Autoignition Temperature, Liquid	> 363.00
Flammability	Extremely Flammable Aerosol	Density	0.789 g/cm <sup>3</sup>
Molecular Weight	Not Available	Weight	6.584 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	8878.81 BTU/lb
Appearance / Color	Clear, Colorless	Water Solubility	Not Available
Odor	Characteristic	Decomposition Temperature	Not Available

### 9.2 Environmental Properties

Percent Volatile	63.20 % wt	VOC Regulatory	498.36 g/L (4.16 lbs/gal)
Percent VOC	63.20 % wt	VOC Actual	498.63 g/L (4.16 lbs/gal)
Percent HAP	0.00 % wt	HAP Content	0.00 g/L (0.00 lbs/gal)
Global Warming Potential	0.69 GWP	Maximum Incremental Reactivity	0.8290 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, Alkali Metals, Halogen Compounds, Hydrogen Peroxide, Sulfuric Acid.

### 10.6 Hazardous Decomposition Products

Thermal Decomposition : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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### SECTION 11 - TOXICOLOGICAL INFORMATION

#### 11.1 Information on Toxicological Effects

##### N-Butane (CAS: 106-97-8 / EC: 203-448-7)

LC50 Inhalation (Rat)	658 mg/l/4h (ChemInfo)
LC50 Inhalation (Rat)	276000 ppm/4h (ChemInfo)

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

LC50 Inhalation (Rat)	658 mg/l/4h (Lit.)
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##### Isobutane (CAS: 75-28-5 / EC: 200-857-2)

LC50 Inhalation (Rat)	368000 ppm/4h (ChemInfo)
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##### 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)
LC50 Inhalation (Rat)	32380 ppm/4h (ChemInfo)

##### Dinonylnaphthalene Sulfonic Acid, Calcium Salt (CAS: 57855-77-3 / EC: 260-991-2)

LD50 Oral (Rat)	> 2500 mg/kg (External SDS)
LD50 Dermal (Rabbit)	> 10000 mg/kg (External SDS)

<b>Routes Of Exposure</b>	: Eye Contact, Ingestion, Skin Contact, Inhalation.
<b>Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure</b>	: See Section 4.2
<b>Skin Corrosion/Irritation</b>	: Not classified
<b>Eye Damage/Irritation</b>	: Causes serious eye irritation.
<b>Respiratory or Skin Sensitization</b>	: May cause an allergic skin reaction.
<b>Germ Cell Mutagenicity</b>	: Not classified
<b>Reproductive Toxicity</b>	: Not classified
<b>STOT-Single Exposure</b>	: Not classified
<b>STOT-Repeated Exposure</b>	: Not classified
<b>Aspiration Hazard</b>	: Not classified
<b>Vaporizer</b>	: Aerosol
<b>Carcinogen Data</b>	: 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

##### n-Butane (106-97-8)

Persistence and Degradability	Readily biodegradable in water.
Bioconcentration Factor	33.52
Log Pow	2.89
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).
Log Koc	1.641

##### 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).

##### Isobutane (75-28-5)

Persistence and Degradability	Readily biodegradable in water. Biodegradable in the soil. Not applicable (gas).
BCF Fish	26.62
Log Pow	2.76

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Isobutane (75-28-5)	
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	1.545

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 O <sub>2</sub> /g substance
Chemical Oxygen Demand	1.7 g O <sub>2</sub> /g substance
Theoretical Oxygen Demand	2.1 g O <sub>2</sub> /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).

Dinonylnaphthalene Sulfonic Acid, Calcium Salt (57855-77-3)	
LC50 Fish	> 0.28 mg/l 96hr
EC50 Daphnia	> 0.27 mg/l 48hr
Log Pow	11.12

## SECTION 13 - DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

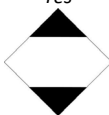

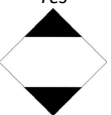
- Waste Disposal** : Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All 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, 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



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14.5 Environmental Hazards	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
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Marine Pollutant	No	No	No
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14.6 Special Precautions
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Precautions : None Identified

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

## SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations
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SARA Section 313 : 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.

T-Butyl Alcohol	CAS-No. 75-65-0	< 1%
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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)

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
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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

n-Butane (106-97-8)	U.S. - New Jersey - Right to Know Hazardous Substance List
Propane (74-98-6)	U.S. - New Jersey - Right to Know Hazardous Substance List
Isobutane (75-28-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
Ethanol (64-17-5)	U.S. - New Jersey - Right to Know Hazardous Substance List

## SECTION 16 - OTHER INFORMATION

Indication of changes	:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #e1ecf4;"> <th style="width: 15%;">Section</th> <th style="width: 45%;">Changed item</th> <th style="width: 40%;">Change</th> </tr> </thead> <tbody> <tr><td>1</td><td>Supersedes</td><td>Added</td></tr> <tr><td>1</td><td>SDS US Regulation reference</td><td>Added</td></tr> <tr><td>1</td><td>Revision date</td><td>Modified</td></tr> <tr><td>1</td><td>Date of issue</td><td>Modified</td></tr> <tr><td>4</td><td>Symptoms/effects after eye contact</td><td>Modified</td></tr> <tr><td>4.1</td><td>First-aid measures after eye contact</td><td>Modified</td></tr> <tr><td>7.2</td><td>NFPA 30B Classification</td><td>Modified</td></tr> <tr><td>8.2</td><td>Respiratory Protection</td><td>Added</td></tr> <tr><td>8.2</td><td>Environmental Exposure Controls</td><td>Added</td></tr> <tr><td>8.2</td><td>Hand Protection</td><td>Added</td></tr> <tr><td>8.2</td><td>Remarks</td><td>Added</td></tr> <tr><td>8.2</td><td>Compliance</td><td>Added</td></tr> <tr><td>9</td><td>Explosive limits (vol %)</td><td>Modified</td></tr> <tr><td>9</td><td>Flash point</td><td>Modified</td></tr> <tr><td>9</td><td>Melting point</td><td>Modified</td></tr> <tr><td>9</td><td>Appearance</td><td>Added</td></tr> <tr><td>9</td><td>Auto-ignition temperature</td><td>Added</td></tr> <tr><td>9</td><td>Relative vapor density at 20 °C</td><td>Added</td></tr> <tr><td>9</td><td>Boiling point</td><td>Modified</td></tr> <tr><td>14</td><td>EmS Code (Column 15 in IMDG Book 2)</td><td>Added</td></tr> <tr><td>14</td><td>User Precautions</td><td>Added</td></tr> </tbody> </table>	Section	Changed item	Change	1	Supersedes	Added	1	SDS US Regulation reference	Added	1	Revision date	Modified	1	Date of issue	Modified	4	Symptoms/effects after eye contact	Modified	4.1	First-aid measures after eye contact	Modified	7.2	NFPA 30B Classification	Modified	8.2	Respiratory Protection	Added	8.2	Environmental Exposure Controls	Added	8.2	Hand Protection	Added	8.2	Remarks	Added	8.2	Compliance	Added	9	Explosive limits (vol %)	Modified	9	Flash point	Modified	9	Melting point	Modified	9	Appearance	Added	9	Auto-ignition temperature	Added	9	Relative vapor density at 20 °C	Added	9	Boiling point	Modified	14	EmS Code (Column 15 in IMDG Book 2)	Added	14	User Precautions	Added
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Full Text of H-Statements	:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #e1ecf4;"> <th style="width: 15%;">H Code</th> <th style="width: 45%;">H Phrase</th> </tr> </thead> <tbody> <tr><td>H220</td><td>Extremely flammable gas</td></tr> <tr><td>H225</td><td>Highly flammable liquid and vapour</td></tr> </tbody> </table>	H Code	H Phrase	H220	Extremely flammable gas	H225	Highly flammable liquid and vapour
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# SAFETY DATA SHEET

Part No. P7732CT (Aerosol)

Print Date: 11/28/2018  
Revision Date: 11/28/2018  
Supersedes Date: 8/3/2017  
Issue Date: 12/16/2016  
Version: 4.0 (EN)-US  
Page: 9/9

## Hoppe's Black Lubricant Aerosol 4 oz

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

H280	Contains gas under pressure; may explode if heated
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H413	May cause long lasting harmful effects to aquatic life

### Disclaimer of Liability

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