Part No. P7663CT & P7664CT

Print Date: 18/11/2022 Revision Date: 11/18/2022 Supersedes Date: 10/28/2019 Issue Date: 11/2/2016 Version: 6.0 (EN)-US

Page: 1/8

Hoppe's Black 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: Hoppe's Black CleanerManufacturer Product Number: P7663CT & P7664CTSupplier Product Numbers: HBC6 - 6 oz & HBC2 - 2.5 oz

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: Cleaning solventRestrictions 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				
Acute Tox. 4 (Oral)	H302	Health Hazards	Acute toxicity (oral) Category 4	
Acute Tox. 4 (Dermal)	H312	Health Hazards	Acute toxicity (dermal) Category 4	
Acute Tox. 4 (Inhalation:Vapour)	Н332	Health Hazards	Acute toxicity (inhalation:vapor) Category 4	
Skin Corr. 1	H314	Health Hazards	Skin corrosion/irritation Category 1	
Eye Dam. 1	H318	Health Hazards	Serious eye damage/eye irritation Category 1	
Aquatic Acute 3	H402	Environmental Hazards	Hazardous to the aquatic environment – Acute Hazard Category 3	

2.2 Label Elements

Hazard Pictograms





Signal Word Danger

Hazard Statements H302+H312+H332 : Harmful if swallowed, in contact with skin or if inhaled

H314 : Causes severe skin burns and eye damage

H318 : Causes serious eye damage H402 : Harmful to aquatic life

Part No. P7663CT & P7664CT (Liquid)

Print Date: 18/11/2022 Revision Date: 11/18/2022 Supersedes Date: 10/28/2019 Issue Date: 11/2/2016 Version: 6.0 (EN)-US

Page: 2/8

Hoppe's Black Cleaner

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

Precautionary Statements P260 : Do not breathe fumes.

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.

P273 : Avoid release to the environment.

P280 : Wear protective gloves and eye protection.
P301+P312 : If swallowed: Call a physician if you feel unwell.
P301+P330+P331 : If swallowed: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 : If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with

water/shower.

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.

P310 : Immediately call a physician.
P312 : Call physician if you feel unwell.

P330 : Rinse mouth.

P362+P364 : Take off contaminated clothing and wash it before reuse.

P363 : Wash contaminated clothing before reuse.

P405 : Store locked up.

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

83.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)

83.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

83.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (vapors))

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : Mixture

3.2 Composition

Substance name	CAS Number	% wt*	Classification
2-Butoxyethanol	111-76-2	5 – 10	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315
Monoethanolamine	141-43-5	5 – 10	Eye Irrit. 2, H319 Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401

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 : Call a physician immediately.

Part No. P7663CT & P7664CT (Liquid)

Print Date: 18/11/2022 Revision Date: 11/18/2022 Supersedes Date: 10/28/2019 Issue Date: 11/2/2016 Version: 6.0 (EN)-US

o.0 (EN)-US Page: 3/8

Hoppe's Black Cleaner

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

Inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel

unwell.

Skin Contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician

immediately.

Eye Contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing. Call a physician immediately.

Ingestion : Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

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 Damage, Skin Burns, Respiratory Irritation, Drowsiness.

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 : 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 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-

: 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 : Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.

Part No. P7663CT & P7664CT (Liquid)

Print Date: 18/11/2022 Revision Date: 11/18/2022 Supersedes Date: 10/28/2019 Issue Date: 11/2/2016

> Version: 6.0 (EN)-US Page: 4/8

Hoppe's Black Cleaner

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

Cleanup Procedures

: 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

: The North American Emergency Response Guidebook or similar resources providing emergency response information for dealing with accidents, spills, leaks, and/or fires involving dangerous goods.

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. When using in spray application, conformance to NFPA 33 Spray Application using Flammable and Combustible Materials is recommended.

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 flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition.
- **Incompatibilities** : Segregate storage away from materials indicated in Section 10.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

2-Butoxyethanol (111-76-2)		
ACGIH	ACGIH OEL TWA	20 ppm
OSHA	OSHA PEL (TWA) [1]	240 mg/m³
OSHA	OSHA PEL (TWA) [2]	50 ppm
NIOSH	IDLH [ppm] 700 ppm	
NIOSH	NIOSH REL TWA [ppm]	5 ppm
California	California PEL (TWA) (mg/m3)	97 mg/m³
California	California PEL (TWA) (ppm)	20 ppm
Biological Exposure Index	Butoxyacetic Acid (BAA) in Urine, End of shift	200 mg/g creatinine

Monoethanolamine (141-43-5)

ACGIH	ACGIH OEL TWA	3 ррт
ACGIH	ACGIH OEL Ceiling	6 ppm
OSHA	OSHA PEL (TWA) [1]	6 mg/m³
OSHA	OSHA PEL (TWA) [2]	3 ррт
NIOSH	IDLH [ppm]	30 ppm
NIOSH	NIOSH REL TWA [ppm]	3 ppm
NIOSH	NIOSH REL STEL [ppm]	6 ppm
California	California PEL (TWA) (mg/m3)	8 mg/m³
California	California PEL (TWA) (ppm)	3 ррт
California	California PEL (STEL) (mg/m3)	15 mg/m³
California	California PEL (STEL) (ppm)	6 ррт

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

Remarks

- : Chemical-resistant gloves, tested according to ASTMF903-17.
- : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.

Part No. P7663CT & P7664CT

Print Date: 18/11/2022 Revision Date: 11/18/2022 Supersedes Date: 10/28/2019 Issue Date: 11/2/2016 Version: 6.0 (EN)-US

Page: 5/8

Hoppe's Black Cleaner

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

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 may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. Under those circumstances, users should be provided with either a half-facepiece (if wearing safety glasses) or a full-facepiece (if not wearing safety glasses) airpurifying respirator, fitted with organic vapor cartidges and P95 filters.

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	> 100.00 °C	Melting / Freezing Point	>-75.00 °C
Flash Point, Liquid	> 93.00 °C		
Explosive Limits	LEL: 0.70 UEL: 24.60 vol % (v/v%)	Autoignition Temperature, Liquid	> 210.00 °C
Flammability	Combustible Liquid	Density	1.020 g/cm³
Molecular Weight	Not Available	Weight	8.515 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	Liquid	Heat Of Combustion	Not Available
Appearance / Color	Colorless	Water Solubility	Not Available
Odor	Solvent	Decomposition Temperature	Not Available

9.2 Environmental Properties			
Percent Volatile	16.24 % wt	VOC Regulatory	156.93 g/L (1.31 lbs/gal)
Percent VOC	14.23 % wt	VOC Actual	145.15 g/L (1.21 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	0.6349 g O3/g
Ozone Depletion Potential	0.00 ODP		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity

 $: \ \ \textit{No specific test data related to reactivity is available for this products or its ingredients}.$

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 : Moisture.

10.5 Incompatible Materials

Materials to Avoid

: Strong Oxidizing Agents, Strong Acids, Bases, Calcium Hypochlorite, Perchloric Acid, Nitrating Agents, Cellulose Nitrate, Alkylhalides.

Part No. P7663CT & P7664CT

Print Date: 18/11/2022 Revision Date: 11/18/2022 Supersedes Date: 10/28/2019 Issue Date: 11/2/2016

Version: 6.0 (EN)-US Page: 6/8

Hoppe's Black Cleaner

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

Hazardous Decomposition Products

Thermal Decomposition : Aldehydes.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 **Information on Toxicological Effects**

2-Butoxyethanol (CAS: 111-76-2 / EC: 203-905-0)	
LD50 Oral (Rat)	917 mg/kg (RTECS)
LD50 Dermal (Rabbit)	1060 mg/kg (Sigma-Aldrich)
LC50 Inhalation (Rat)	450 ppm (RTECS)

Monoethanolamine (CAS: 141-43-5 / EC: 205-483-3)

LD50 Oral (Rat)	1970 mg/kg (ChemInfo)
LD50 Dermal (Rabbit)	1000 mg/kg (ChemInfo)
LC50 Inhalation (Rat)	> 1210 ma/l/4h (ChemInfo)

: Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption. **Routes Of Exposure**

Delayed and Immediate Effects and Also Chronic

Effects from Short and Long Term Exposure

: See Section 4.2

Skin Corrosion/Irritation : Causes severe skin burns. Eye Damage/Irritation : Causes serious eye damage.

Respiratory or Skin Sensitization : Not classified : Not classified **Germ Cell Mutagenicity** Reproductive Toxicity : Not classified : Not classified STOT-Single Exposure : Not classified STOT-Repeated Exposure **Aspiration Hazard** : Not classified

Carcinogen Data : The following ingredients are listed as known or suspected carcinogens:

2-Butoxyethanol (CAS: 111-76-2 / EC: 203-905-0)

ACGIH Category A3 - Confirmed animal carcinogen with unknown relevance to humans

SECTION 12 - ECOLOGICAL INFORMATION

12.1 **Ecotoxicity and Ecological Properties**

2-Butoxyethanol (111-76-2)	
LC50 Fish	1490 mg/l Bluegill Sunfish - 96h
LC50 Fish	1474 mg/l Rainbow Trout - 96hr
EC50 Daphnia	1698 – 1940 mg/l Water Flea - 24hr
EC50 Other Aquatic Organisms	1840 mg/l Green Algae - 72hr
Persistence and Degradibility	Biodegradability 90% / 28 days.
Biochemical Oxygen Demand	0.71 g O₂/g substance
Chemical Oxygen Demand	2.2 g O₂/g substance
Theoretical Oxygen Demand	2.305 g O₂/g substance
Log Pow	0.81 (Experimental value; BASF test; 25 °C)
Bioacculative Potential	Low potential for bioaccumulation (Log Kow < 4).

Monoethanolamine (141-43-5)	
LC50 Fish	> 200 mg/l Rainbow Trout - 96hr
EC50 Daphnia	65 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	2.8 mg/l Green Algae - 72hr
EC50 Other Aquatic Organisms	110 mg/l Bacteria - 17hr
Persistence and Degradibility	Biodegradability 90% / 28 days.
Biochemical Oxygen Demand	800 mg/g
Theoretical Oxygen Demand	1310 mg/g
Log Pow	-1.31

Part No. P7663CT & P7664CT

Print Date: 18/11/2022 Revision Date: 11/18/2022 Supersedes Date: 10/28/2019 Issue Date: 11/2/2016 Version: 6.0 (EN)-US

Fthanolamine), Limited Quantity

Page: 7/8

Hoppe's Black Cleaner

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

Monoethanolamine (141-43-5)

Bioacculative Potential Not bioaccumulative.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal : Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and

regulatory waste stream classification can change with product use and location. Accordingly, 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 material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

Waste Disposal Of Packaging : Consult with your local landfill to determine if empty small containers can be disposed of along with regular

trash pickup. For disposal of large containers (typically 10 gallons or larger), or for containers not suitable for

Fthanolamine), Limited Quantity

landfill, a licensed reconditioner should be used.

Landfill Precautions : Not Available.
Incineration Precautions : Not Available.

SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	:	UN1760	UN1760	UN1760
14.2 UN Proper Shipping Name		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Proper Shipping Name	:	Corrosive Liquid, NOS (Contains	Corrosive Liquid, NOS (Contains	Corrosive Liquid, NOS (Contains

	,	,	,,
14.3 Transport Hazard Class(es)	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	: 8	8	8
Labels	: None	8 - Corrosive	None

Fthanolamine), Limited Quantity

Limited Quantity : Yes





14.4 Packing Group		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Packing Group	:	III	III	III

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

14.6 Special Precautions

EmS Code

Precautions : None Identified

14.7 Transport in Bulk

Remarks : Not applicable for product as supplied

SECTION 15 - REGULATORY INFORMATION

Part No. P7663CT & P7664CT (Liquid)

Print Date: 18/11/2022 Revision Date: 11/18/2022 Supersedes Date: 10/28/2019 Issue Date: 11/2/2016 Version: 6.0 (EN)-US

6.0 (EN)-US Page: 8/8

Hoppe's Black Cleaner

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

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 requiements 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

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
Monoethanolamine (141-43-5)	U.S New Jersey - Right to Know Hazardous Substance List

SECTION 16 - OTHER INFORMATION

Indication of changes

Section	Changed item	Change
1	Revision date	Modified
1	Supersedes	Modified
2.1	GHS-US classification	Modified
2.2	Hazard statements (GHS US)	Modified
2.2	Precautionary statements (GHS US)	Modified
5	Fire Hazards from the Product	Modified
6	Emergency procedures	Modified
6	Methods for cleaning up	Modified
7.1	Precautions for safe handling	Modified
7.2	Storage conditions	Modified
9	Density	Modified
9	Flash point	Modified
10	Conditions to avoid	Modified
11	ATE US (oral)	Modified
11	ATE US (dermal)	Modified
11	ATE US (vapors)	Modified
11	Carcinogen Status	Modified

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