

SAFETY DATA SHEET

Part No. P10408CT-A (Aerosol)

Print Date: 23/09/2019
 Revision Date: 9/23/2019
 Supersedes Date: 9/7/2018
 Issue Date: 9/7/2018
 Version: 2.0 (EN)-CA
 Page: 1/9

Hoppe's Boresnake CLP Aerosol

according to the Hazardous Products Regulations (February 11, 2015)

SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Product Name : Hoppe's Boresnake CLP Aerosol
 Manufacturer Product Number : P10408CT-A
 Supplier Product Numbers : HSO6ACN

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 : Firearms cleaner, lubricant, and protectant
 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 2 | H223 | Physical Hazards | Flammable aerosols, Category 2 |
| Asp. Tox. 1 | H304 | Health Hazards | Aspiration hazard, Category 1 |
| Aquatic Acute 2 | H401 | Environmental Hazards | Hazardous to the aquatic environment — Acute Hazard, Category 2 |
| Aquatic Chronic 2 | H411 | Environmental Hazards | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |

2.2 Label Elements

Hazard Pictograms



Signal Word

Danger

Hazard Statements

H223 : Flammable aerosol.
 H304 : May be fatal if swallowed and enters airways.
 H401 : Toxic to aquatic life
 H411 : Toxic to aquatic life with long lasting effects.

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 : Do not pierce or burn, even after use.
 P273 : Avoid release to the environment.

SAFETY DATA SHEET

Part No. P10408CT-A (Aerosol)

Print Date: 23/09/2019
Revision Date: 9/23/2019
Supersedes Date: 9/7/2018
Issue Date: 9/7/2018
Version: 2.0 (EN)-CA
Page: 2/9

Hoppe's Boresnake CLP Aerosol

according to the Hazardous Products Regulations (February 11, 2015)

P301+P310 : IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331 : Do NOT induce vomiting.
P391 : Collect spillage.
P405 : Store locked up.
P410+P412 : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 : Dispose of contents/container to applicable regulations

2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : None Identified.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : Mixture

3.2 Composition

| Substance name | CAS Number | % wt* | Classification |
|---|------------|---------|---|
| Dec-1-Ene, Homopolymer, Hydrogenated Dec-1-Ene, Oligomers, Hydrogenated | 68037-01-4 | 10 - 30 | Asp. Tox. 1, H304 |
| Hydrotreated Light Naphthenic Distillate | 64742-53-6 | 10 - 30 | Asp. Tox. 1, H304 |
| Hydrotreated Light Petroleum Naphtha | 64742-49-0 | 10 - 30 | Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 3, H412 |
| N-Butane | 106-97-8 | 10 - 30 | Flam. Gas 1, H220 Press. Gas (Diss.), H280 |
| Isobutane | 75-28-5 | 5 - 10 | Flam. Gas 1, H220 Press. Gas (Diss.), H280 |
| N-Heptane | 142-82-5 | 5 - 10 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |
| Propane | 74-98-6 | 5 - 10 | Flam. Gas 1, H220 Press. Gas (Diss.), H280 |
| Dearomatized Aliphatic Hydrocarbon | 64742-47-8 | 1 - 5 | Asp. Tox. 1, H304 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.
Inhalation : Remove person to fresh air and keep comfortable for breathing.
Skin Contact : Wash skin with plenty of water.
Eye Contact : Rinse eyes with water as a precaution.
Ingestion : 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 Irritation, Nose Irritation, Dermatitis, Central Nervous System Depression, Confusion, Skin Irritation, Headache, Dizziness, Nausea, Narcosis, Upper Respiratory Tract Irritation, Drowsiness, Vomiting, Optical Nerve Damage, Chemical Pneumonitis (Aspiration Liquid), Mucous Membrane.
Delayed Effects : No known delayed effects.
Immediate Effects : No known immediate effects.
Chronic Effects : Methyl alcohol may be fatal or cause blindness if swallowed.

SAFETY DATA SHEET

Part No. P10408CT-A (Aerosol)

Print Date: 23/09/2019
Revision Date: 9/23/2019
Supersedes Date: 9/7/2018
Issue Date: 9/7/2018
Version: 2.0 (EN)-CA
Page: 3/9

Hoppe's Boresnake CLP Aerosol

according to the Hazardous Products Regulations (February 11, 2015)

Target Organs : Central Nervous System, Eyes, Gastrointestinal Tract, Liver, Reproductive System, Respiratory System, Skin, Kidneys.

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, vapours. 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. Vapours 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. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.
For Emergency Personnel : Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel above.

6.2 Environmental Precautions

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

6.3 Methods and Materials for Containment and Cleaning up

Containment Procedures : Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents.
Cleanup Procedures : Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment.
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

SAFETY DATA SHEET

Part No. P10408CT-A (Aerosol)

Print Date: 23/09/2019
 Revision Date: 9/23/2019
 Supersedes Date: 9/7/2018
 Issue Date: 9/7/2018
 Version: 2.0 (EN)-CA
 Page: 4/9

Hoppe's Boresnake CLP Aerosol

according to the Hazardous Products Regulations (February 11, 2015)

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. 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. Do not incinerate (burn) containers.
- 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.
- Incompatibilities** : Segregate storage away from materials indicated in Section 10.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

N-Butane (106-97-8)

| | | |
|---------------------------|------------------------------------|------------------------|
| Canada (Alberta) | OEL TWA (ppm) | 1000 ppm |
| Canada (British Columbia) | OEL TWA (ppm) | 600 ppm |
| Canada (British Columbia) | OEL Ceiling (ppm) | 750 ppm |
| Canada (Ontario) | OEL TWA (ppm) | 800 ppm |
| Canada (Quebec) | VEMP (ppm) | 800 ppm |
| Canada (Quebec) | VEMP (mg/m ³) | 1900 mg/m ³ |
| USA (ACGIH) | ACGIH TWA (mg/m ³) | 1000 ppm |
| USA (ACGIH) | ACGIH Ceiling (mg/m ³) | 1000 ppm |

Propane (74-98-6)

| | | |
|---------------------------|---------------------------|------------------------|
| Canada (Alberta) | OEL TWA (ppm) | 1000 ppm |
| Canada (British Columbia) | OEL TWA (ppm) | 1000 ppm |
| Canada (Ontario) | OEL TWA (ppm) | 1000 ppm |
| Canada (Quebec) | VEMP (ppm) | 1000 ppm |
| Canada (Quebec) | VEMP (mg/m ³) | 1800 mg/m ³ |

Isobutane (75-28-5)

| | | |
|------------------|--------------------------------|----------|
| Canada (Ontario) | OEL TWA (ppm) | 800 ppm |
| USA (ACGIH) | ACGIH TWA (mg/m ³) | 1000 ppm |

Hydrotreated Light Naphthenic Distillate (64742-53-6)

| | | |
|------------------|------------------------------|------------------------------|
| Canada (Alberta) | OEL TWA (mg/m ³) | 1 mg/m ³ |
| USA (ACGIH) | ACGIH TWA (ppm) | 5 mg/m ³ Oil Mist |

Dec-1-Ene, Homopolymer, Hydrogenated Dec-1-Ene, Oligomers, Hydrogenated (68037-01-4)

| | | |
|-------------|-----------------|---------------------|
| USA (ACGIH) | ACGIH TWA (ppm) | 5 mg/m ³ |
|-------------|-----------------|---------------------|

Dearomatized Aliphatic Hydrocarbon (64742-47-8)

| | | |
|---------------------------|------------------------------|---------------------------------------|
| Canada (Alberta) | OEL TWA (ppm) | 1000 ppm |
| Canada (British Columbia) | OEL TWA (mg/m ³) | 200 mg/m ³ |
| Canada (Ontario) | OEL TWA (mg/m ³) | 200 mg/m ³ |
| USA (ACGIH) | ACGIH TWA (ppm) | 200 mg/m ³ (Sigma-Aldrich) |

N-Heptane (142-82-5)

| | | |
|---------------------------|-------------------------------|------------------------|
| Canada (Alberta) | OEL TWA (ppm) | 400 ppm |
| Canada (Alberta) | OEL TWA (mg/m ³) | 1640 mg/m ³ |
| Canada (Alberta) | OEL STEL (ppm) | 500 ppm |
| Canada (Alberta) | OEL STEL (mg/m ³) | 2050 mg/m ³ |
| Canada (British Columbia) | OEL TWA (ppm) | 400 ppm |
| Canada (British Columbia) | OEL STEL (ppm) | 500 ppm |
| Canada (Ontario) | OEL TWA (ppm) | 400 ppm |
| Canada (Ontario) | OEL STEL (ppm) | 500 ppm |
| Canada (Quebec) | VECD (ppm) | 500 ppm |

SAFETY DATA SHEET

Part No. P10408CT-A (Aerosol)

Print Date: 23/09/2019
 Revision Date: 9/23/2019
 Supersedes Date: 9/7/2018
 Issue Date: 9/7/2018
 Version: 2.0 (EN)-CA
 Page: 5/9

Hoppe's Boresnake CLP Aerosol

according to the Hazardous Products Regulations (February 11, 2015)

N-Heptane (142-82-5)

| | | |
|-----------------|--------------------------------|------------------------|
| Canada (Quebec) | VECD (mg/m ³) | 2050 mg/m ³ |
| Canada (Quebec) | VEMP (ppm) | 400 ppm |
| Canada (Quebec) | VEMP (mg/m ³) | 1640 mg/m ³ |
| USA (ACGIH) | ACGIH TWA (mg/m ³) | 400 ppm |

8.2 Exposure Controls

| | |
|--|---|
| Engineering Measures | : Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. 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 EN 374. |
| 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, wear an appropriate NIOSH approved respirator. |
| 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 | > 64.70 °C | Melting / Freezing Point | > -100.00 °C |
| Flash Point, Liquid | > -9.00 °C | Flash Point, Propellant | Non flammable |
| Explosive Limits | LEL: 0.60 UEL: 36.00 vol % | Autoignition Temperature, Liquid | > 246.00 °C |
| Flammability | Non-Flammable Aerosol | Density | 0.728 g/cm ³ |
| Molecular Weight | Not Available | Weight | 6.075 lbs/gal |
| Vapor Pressure | Not Available | pH | Not Available |
| Vapor Density | Not Available | Evaporation Rate (nBac=1) | Not Available |
| Viscosity | 9.53 cSt (centistoke) | Partition Coefficient (Log Pow) | Not Available |
| Odor Threshold | Not Available | Refractive Index | Not Available |
| Physical State | Extremely Flammable Aerosol | Heat Of Combustion | 14324.65 BTU/lb |
| Appearance / Color | Clear, Colourless | Water Solubility | Not Available |
| Odor | Light Naphtha odor | Decomposition Temperature | Not Available |

9.2 Environmental Properties

| | | | |
|---------------------------|------------|--------------------------------|---------------------------|
| Percent Volatile | 45.44 % wt | VOC Regulatory | 324.12 g/L (2.70 lbs/gal) |
| Percent VOC | 43.75 % wt | VOC Actual | 318.51 g/L (2.66 lbs/gal) |
| Percent HAP | 0.02 % wt | HAP Content | 0.15 g/L (0.00 lbs/gal) |
| Global Warming Potential | 0.77 GWP | Maximum Incremental Reactivity | 0.5320 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.

SAFETY DATA SHEET

Part No. P10408CT-A (Aerosol)

Print Date: 23/09/2019
Revision Date: 9/23/2019
Supersedes Date: 9/7/2018
Issue Date: 9/7/2018
Version: 2.0 (EN)-CA
Page: 6/9

Hoppe's Boresnake CLP Aerosol

according to the Hazardous Products Regulations (February 11, 2015)

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, Strong Acids, Potassium t-Butoxide, Halogen Compounds, Aluminum Chloride, Hydrogen Peroxide, Chlorosulfuric Acid, Potassium Chlorate.

10.6 Hazardous Decomposition Products

Thermal Decomposition : Oxides of carbon, Aldehydes, Formaldehyde.

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.) |
|-----------------------|--------------------|

Isobutane (CAS: 75-28-5 / EC: 200-857-2)

| | |
|-----------------------|--------------------------|
| LC50 Inhalation (Rat) | 368000 ppm/4h (ChemInfo) |
|-----------------------|--------------------------|

Hydrotreated Light Naphthenic Distillate (CAS: 64742-53-6 / EC: 265-156-6)

| | |
|-----------------------|-------------------------|
| LD50 Oral (Rat) | > 5000 mg/kg (ChemInfo) |
| LD50 Dermal (Rabbit) | > 2000 mg/kg (ChemInfo) |
| LC50 Inhalation (Rat) | 2.18 mg/l/4h (RTECS) |

Dec-1-Ene, Homopolymer, Hydrogenated Dec-1-Ene, Oligomers, Hydrogenated (CAS: 68037-01-4 / EC: 500-183-1)

| | |
|-----------------------|--------------------------------------|
| LD50 Oral (Rat) | > 5000 mg/kg (Sigma-Aldrich) |
| LD50 Dermal (Rabbit) | > 2000 mg/kg (Chevron-Phillips SDS) |
| LC50 Inhalation (Rat) | > 2.5 mg/l/4h (Chevron-Phillips SDS) |

Dearomatized Aliphatic Hydrocarbon (CAS: 64742-47-8 / EC: 265-149-8)

| | |
|-----------------------|-------------------------------|
| LD50 Oral (Rat) | > 5000 mg/kg (ExxonMobil SDS) |
| LD50 Dermal (Rabbit) | > 5000 mg/kg (ExxonMobil SDS) |
| LC50 Inhalation (Rat) | > 5.28 mg/l/4h (ECHA) |

N-Heptane (CAS: 142-82-5 / EC: 205-563-8)

| | |
|-----------------------|---------------------------------|
| LD50 Oral (Rat) | 15000 mg/kg (Cheminfo) |
| LD50 Dermal (Rabbit) | > 3160 mg/kg (Lit.) |
| LC50 Inhalation (Rat) | 25132 mg/l/4h 103 gm/m3 (RTECS) |

Hydrotreated Light Petroleum Naphtha (CAS: 64742-49-0 / EC: 265-151-9)

| | |
|-----------------------|-----------------------------|
| LD50 Oral (Rat) | > 5800 mg/kg (External SDS) |
| LD50 Dermal (Rabbit) | > 2920 mg/kg (External SDS) |
| LC50 Inhalation (Rat) | > 23 mg/l/4h (External SDS) |

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

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure : See Section 4.2

Skin Corrosion/Irritation : Not classified

Eye Damage/Irritation : Not classified

Respiratory or Skin Sensitization : Not classified

Germ Cell Mutagenicity : Not classified

SAFETY DATA SHEET

Part No. P10408CT-A (Aerosol)

Print Date: 23/09/2019
 Revision Date: 9/23/2019
 Supersedes Date: 9/7/2018
 Issue Date: 9/7/2018
 Version: 2.0 (EN)-CA
 Page: 7/9

Hoppe's Boresnake CLP Aerosol

according to the Hazardous Products Regulations (February 11, 2015)

| | |
|------------------------|--|
| Reproductive Toxicity | : Not classified |
| STOT-Single Exposure | : Not classified |
| STOT-Repeated Exposure | : Not classified |
| Aspiration Hazard | : May be fatal if swallowed and enters airways. |
| 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

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 |
| Bioaccumulative Potential | Low potential for bioaccumulation (BCF < 500). |
| Log Koc | 1.545 |

Hydrotreated Light Naphthenic Distillate (64742-53-6)

| | |
|-------------------------------|---|
| LC50 Fish | > 5000 mg/l Rainbow Trout - 96hr |
| EC50 Daphnia | > 1000 mg/l Water Flea - 48hr |
| Persistence and Degradability | Biodegradability in water: no data available. |
| Log Pow | > 6.5 |
| Bioaccumulative Potential | No bioaccumulation data available. |

Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated (68037-01-4)

| | |
|-------------------------------|----------------------------------|
| LC50 Fish | > 1000 mg/l Rainbow Trout - 96hr |
| LC50 Fish | > 750 mg/l Fathead Minnow - 96h |
| EC50 Daphnia | 190 mg/l Water Flea - 48hr |
| Persistence and Degradability | Adsorbs into the soil. |
| Log Pow | > 6 (Calculated) |

Dearomatized Aliphatic Hydrocarbon (64742-47-8)

| | |
|-------------------------------|---------------------------------|
| LC50 Fish | 2.9 mg/l Rainbow Trout - 96hr |
| Persistence and Degradability | Biodegradability 88% / 28 days. |
| Biodegradation | 85 % 28 Days |
| Log Pow | 6 |

n-Heptane (142-82-5)

| | |
|-------------------------------|---|
| LC50 Fish | 375 mg/l 96h, Mozambique Tilapia (Lit.) |
| EC50 Daphnia | 0.2 mg/l 48h, Leach (Lit.) |
| Persistence and Degradability | Readily biodegradable in water. Biodegradability in soil: no data available. Adsorbs into the soil. |
| Biochemical Oxygen Demand | 1.92 g O ₂ /g substance |
| Chemical Oxygen Demand | 0.06 g O ₂ /g substance |
| Theoretical Oxygen Demand | 3.52 g O ₂ /g substance |
| Log Pow | 4.66 (Experimental value) |
| Bioaccumulative Potential | Potential for bioaccumulation (4 ≥ Log Kow ≤ 5). |

SAFETY DATA SHEET

Part No. P10408CT-A (Aerosol)

Print Date: 23/09/2019
Revision Date: 9/23/2019
Supersedes Date: 9/7/2018
Issue Date: 9/7/2018
Version: 2.0 (EN)-CA
Page: 8/9

Hoppe's Boresnake CLP Aerosol

according to the Hazardous Products Regulations (February 11, 2015)

Hydrotreated Light Petroleum Naphtha (64742-49-0)

| | |
|------------------------------|-------------------------------|
| LC50 Fish | 4.1 mg/l Fathead Minnow - 96h |
| EC50 Daphnia | 10 mg/l Water Flea - 48hr |
| EC50 Other Aquatic Organisms | 11 mg/l Green Algae - 72hr |
| Log Kow | 3.6 - 5.7 |

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

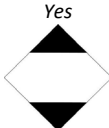

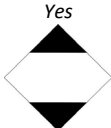
- Waste Disposal** : Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.
- Waste Disposal Of Packaging** : 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 landfill, a licensed reconditioner should be used.
- Landfill Precautions** : Not Available.
- Incineration Precautions** : **** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE **.**

SECTION 14 - TRANSPORTATION INFORMATION

| 14.1 UN Number | TDG (CANADA) | IATA (AIR) | IMDG (OCEAN) |
|----------------|--------------|------------|--------------|
| UN Number | UN1950 | UN1950 | UN1950 |

| 14.2 UN Proper Shipping Name | TDG (CANADA) | IATA (AIR) | IMDG (OCEAN) |
|------------------------------|----------------------------|----------------------------|----------------------------|
| UN Proper Shipping Name | Aerosols, Limited Quantity | Aerosols, Limited Quantity | Aerosols, Limited Quantity |

| 14.3 Transport Hazard Class(es) | TDG (CANADA) | IATA (AIR) | IMDG (OCEAN) |
|---------------------------------|--------------|----------------------|--------------|
| Transport Hazard Class(es) | 2.1 | 2.1 | 2.1 |
| Labels | None | 3 - Flammable liquid | None |

| | | | |
|------------------|--|--|--|
| Limited Quantity | Yes  | Yes  | Yes  |
| Ems Code | Not Applicable | Not Applicable | F-D, S-U |

| 14.4 Packing Group | TDG (CANADA) | IATA (AIR) | IMDG (OCEAN) |
|--------------------|--------------|------------|--------------|
| Packing Group | None | None | None |

| 14.5 Environmental Hazards | TDG (CANADA) | IATA (AIR) | IMDG (OCEAN) |
|----------------------------|--------------|------------|--------------|
| Marine Pollutant | No | No | No |

| | | | |
|--------------------------|-----------------|--|--|
| 14.6 Special Precautions | | | |
| Precautions | None Identified | | |

| | | | |
|------------------------|--|--|--|
| 14.7 Transport in Bulk | | | |
| Remarks | Not applicable for product as supplied | | |

SECTION 15 - REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations Specific to the Product

SAFETY DATA SHEET

Part No. P10408CT-A (Aerosol)

Print Date: 23/09/2019
 Revision Date: 9/23/2019
 Supersedes Date: 9/7/2018
 Issue Date: 9/7/2018
 Version: 2.0 (EN)-CA
 Page: 9/9

Hoppe's Boresnake CLP Aerosol

according to the Hazardous Products Regulations (February 11, 2015)

- TSCA Inventory (United States)** : All chemical substances in this product are either listed on the Toxic Substances Control Act (TSCA) Inventory or are in compliance with a TSCA Inventory exemption.
- DSL/NDSL Inventory (Canada)** : All chemical substances in this product are listed on the Domestic Substance List (DSL), exempt or are not subject to notification.

SECTION 16 - OTHER INFORMATION

Indication of changes

| Section | Changed item | Change |
|---------|--|----------|
| 1 | Revision date | Modified |
| 1 | Supersedes | Added |
| 1 | Name | Modified |
| 1 | Product code | Modified |
| 1 | Product code | Modified |
| 1 | Supplier Product Numbers | Added |
| 1 | Other Manufacturer IDs | Modified |
| 2.1 | GHS-US classification | Modified |
| 2.2 | Hazard pictograms (GHS US) | Modified |
| 2.2 | Precautionary statements (GHS US) | Modified |
| 2.2 | Hazard statements (GHS US) | Modified |
| 3 | Composition/information on ingredients | Modified |
| 4 | Symptoms/effects after skin contact | Added |
| 4 | Symptoms/effects after eye contact | Added |
| 4 | Symptoms/effects after inhalation | Added |
| 4 | Symptoms/effects after ingestion | Added |
| 4.1 | First-aid measures after ingestion | Modified |
| 4.1 | First-aid measures general | Modified |
| 9 | Auto-ignition temperature | Modified |
| 9 | Density | Modified |
| 9 | Boiling point | Modified |
| 10 | Reactivity | Modified |
| 12.1 | Ecology - general | Modified |

Full Text of H-Statements

| H Code | H Phrase |
|--------|---|
| H223 | Flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H336 | May cause drowsiness or dizziness. |
| H400 | Very toxic to aquatic life. |
| H401 | Toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

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.