

SAFETY DATA SHEET

Lloyds Laboratories Inc.

Wasp & Hornet Blaster – Part #91320

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: Wasp and Hornet Blaster

Date of Safety Data Sheet: May 23, 2018

Use of Preparation: Insecticide.

Company Identification: Lloyds Laboratories Inc.
613 Neal Drive,
Peterborough,
Ontario
K9J 6X7

Company Telephone Number: 800 361-6766

24 Hour Telephone Number: CANUTEC 613-996-6666 or *666 for cell phone.

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Aspiration Hazard.

Flammable Aerosol.

Eye and Skin irritant.

Classification of substance or mixture

GHS-US/Canadian classification:

GHS Hazards

Gases under Pressure Liquified Gas H280.

Aspiration Hazard Category 1 H304.

Skin Irritant Category 2 H315.

Eye Irritant 2A H319.

STOT Single Exposure Narcotic Effects Category 3 H336.

Label Elements

GHS Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Danger!

Hazard Statements (GHS):

H280: Contains gas under pressure; may explode if heated.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

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Precautionary Statements (GHS):

P102: Keep out of reach of children.
P210: Keep away from heat, hot surfaces and direct sunlight.
P211: Do not spray on an open flame or other ignition source.
P252: Do not pierce or burn, even after use.
P261+P271: Avoid breathing mist/vapours/spray use in a well-ventilated area.
P264: Wash hands thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements (GHS):

P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P304+P340+P312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison centre/doctor if you feel unwell.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331: Do NOT induce vomiting.
P362+P364: Take off contaminated clothing and wash before reuse.
P370 + P378: In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.
P391: Collect Spillage.
P410+P403: Protect from sunlight. Do not expose to temperatures above 50 C/ 122 F,

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical.

Ingredient	CAS#	% by Wt	Classification
Distillates hydrotreated light petroleum	64742-47-8	80-100	Flammable Liquids Category 4 – H227 Aspiration Hazard Category 1 – H304 Skin Corrosion/Irritation Category 2 – H315 STOT Single Exposure Narcotic Effects Category 3 – H336 Hazardous to the Aquatic Environment Acute Hazard Category 3 – H402 Hazardous to the Aquatic Environment Long-Term Hazard Category 3 – H412
Tetramethrin	7696-12-0	0.2	Hazardous to the Aquatic Environment Acute Hazard Category 1 - H400 Hazardous to the Aquatic Environment Long Term Hazard Category 1 - H410
d-Phenothrin	26002-80-2	0.125	Acute Toxicity Oral Category 4 - H302 Acute Toxicity Dermal Category 4 - H312 Acute Toxicity Inhalation Category 4 - H332 Hazardous to the Aquatic Environment Long Term Hazard Category 1 - H410
Carbon Dioxide	124-38-9	1-5	Gases under Pressure Liquefied Gas – H280

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4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personnel. Never give anything to an unconscious person. Get medical aid.
Notes to Physician:	Treatment based on judgment of attending physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Water spray or fog, foam, dry chemical, CO2.
Unsuitable extinguishing media:	None known.
Special exposure hazards:	Fire or excessive heat may produce hazardous decomposition products.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion:	Flammable aerosol. Under fire conditions closed containers may rupture or explode. Bursting aerosol containers may be propelled from fire at high speed.
Further information:	Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe mist.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any powder spills with dikes to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of mist.

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Do not pierce or burn, even after use.
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
 No smoking.

Information about fire - and explosion protection:

Keep respiratory protective device available.
 No special measures required.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well-ventilated area.

Keep container tightly sealed.

Specific end use(s):

No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles.
Skin protection:	Use body-covering clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

Exposure Guidelines:

Source Material:	TWA mg/m³
Distillates Hydrotreated Light Petroleum	200 mg/m ³

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Aerosol.	Odour	Solvent scent.
Appearance	Aerosol clear colourless. liquid.	Odour Threshold	No data available.
Colour	Clear.	Remarks/Method	
Property	Values.		
pH	No data available.		
Melting/Freezing Point	No data available.		
Boiling Point/Range	No data available.		
Flash Point	No data available.		
Evaporation Rate	Similar.		

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Flammability (solid, gas)	Not Flammable.	None known.
Flammability Limit in Air:		
Upper Limit	No data available.	None known.
Lower Limit	No data available.	None known.
Vapour Pressure	No data available.	None known.
Vapour density	No data available.	None known.
Specific Gravity	0.810 g/cm ³ @ 15.5C.	
Water Solubility	Not Soluble.	None known.

Solubility Other Solvents	No data available.	None known.
Partition Coefficient:		
n-octanol/water	No data available.	None known.
Autoignition temperature	No data available.	None known.
Decomposition Temperature	No data available.	None known.
Viscosity	< 20 c St.	None known.
Dynamic Viscosity	No data available.	None known.
Explosive Properties	No data available.	None known.
Oxidizing Properties	No data available.	None known.

Other Properties:

Softening Point	No data available.
VOC Content %	No data available.
Particle Size	No data available.
Particle Size Distribution	No data available.

10. STABILITY AND REACTIVITY

Reactivity	Stable at normal ambient temperature and pressure.
Chemical stability	No decomposition if stored and applied as directed.
Conditions to avoid	Keep away from heat and sources of ignition.
Hazardous decomposition products	Hazardous gases and vapours produced in fire are oxides of carbon.
Materials to avoid	Oxidizing agents.
Hazardous polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification

Routes of Entry Inhalation, ingestion, eye or skin contact.

Distillates Hydrotreated Light Petroleum CAS # 64742-47-8:

Oral: LD 50 > 5g/kg-bw.

Dermal: LD 50 > 2g/kg-bw.

Inhalation: LC 50 = 65-103 mg/L (Vapour) 4 hr. Rat.

Primary irritant effect:

On the skin: None known.

On the eye: Slight irritation.

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Carcinogenicity:**Chemical Name CAS Number IARC NTP OSHA**

No ingredient listed.

Chronic Effects:**Mutagenicity:** No evidence of a mutagenic effect.**Teratogenicity:** No evidence of a teratogenic effect (birth defect).**Sensitization:** No data available for mixture.**Reproductive:** No evidence of negative reproductive effects.**Target Organ Effects:****Acute:** No information available.**Chronic:** None known.

12. ECOLOGICAL INFORMATION

Toxicity:	Not classified.
Persistence and Degradability:	Not available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	Not available.
Other Adverse Effects	
Other Information:	Avoid release to the environment.
Aquatic Toxicity:	No data available.
Toxicity to algae, fish invertebrates:	No data available.
Biodegradation:	No data available.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.**Ecology – Waste Materials:** Avoid release to the environment.**Empty Containers:** Do not pierce, drill or burn even after use. Container under pressure.

14. TRANSPORTATION INFORMATION

Canadian TDG (Road & Rail): Regulated material (limited quantity).

Shipping Name: Aerosols, non-flammable.

Hazard class: 2.2.

Identification number: UN 1950.

U.S. Department of Transportation (DOT): Regulated material (limited quantity).

Shipping Name: Aerosols, non-flammable.

Hazard class: 2.2.

Identification number: UN 1950.

Water Transportation (IMO): Regulated material (limited quantity).

Shipping Name: Aerosols, non-flammable.

Hazard class: 2.2.

Identification number: UN 1950.

Air Transportation (IATA): Regulated material (limited quantity).*Date: May 23, 2018**SDS: Lloyds Laboratories Inc. Wasp & Hornet Blaster Aerosol*

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Shipping Name: Aerosols, non-flammable.
Hazard class: 2.2.
Identification number: UN 1950.

15. REGULATION

Occupational Health & Safety Regulations:

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

International Inventories

TSCA	Complies.
DSL/NDSL	Complies.
EINECS/ELINCS	Complies.
ENCS	Complies.
IECSC	Complies.
KECL	-
PICCS	-
AICS	Complies.

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List.

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances.

ENCS - Japan Existing and New Chemical Substances.

IECSC - China Inventory of Existing Chemical Substances.

KECL - Korean Existing and Evaluated Chemical Substances.

PICCS - Philippines Inventory of Chemicals and Chemical Substances.

AICS - Australian Inventory of Chemical Substances.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 1 Slight Hazard - Irritation or minor reversible injury possible.

Flammability: 0 Minimal Hazard.

Physical: 0 Minimal Hazard .

Personal Protection: B.

SDS US (GHS HazCom 2012 and WHMIS 2015).

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16. OTHER INFORMATION

Prepared By: Technical Department

Issuing Date: November 16, 2018

Revision Date: May 23, 2018

Revision Notes: H280, H336 and H codes added to GHS Hazards, Chemical Descriptions enhanced, Exposure Guidelines updated, Physical and Chemical Properties updated, Toxicological Information updated, Transportation expanded, Regulation updated to include Inventory Listing and Legend and other misc. format, etc. changes.

Disclaimer:

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet