

UR- CAN INC.
3325 North Service Road, Unit 104
Burlington, ON, L7N 3G2

PRODUCT: Onguard Hornet & Wasp Blaster-400g (REG.31883)

CODE: AD-190012

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identity..... Onguard Hornet & Wasp Blaster-400g (REG.31883)
Product Item Numbers..... AD-190012
Manufacturer..... Empack Spraytech Inc.
98 Walker Drive
Brampton
Ontario
Canada
L6T 4H6
905-792-6571
24 hour emergency telephone number..... CANUTEC: (613)-996-6666 collect.
Recommended Use..... Insecticide Spray.
WHMIS Classification..... A, B5, D2A, D2B .
TDG Classification..... AEROSOLS, Class 2.1, UN1950.

SECTION 02: HAZARDS IDENTIFICATION

Emergency Overview..... KEEP OUT OF REACH OF CHILDREN . Product may cause substantial but temporary eye injury. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing.
Potential Health Effects:
Eye Contact..... This product causes irritation, redness and pain.
Skin Contact Can cause skin irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.
Ingestion..... Harmful if swallowed. Small amounts of this product aspirated into the respiratory during ingestion or vomiting may cause mild to severe lung injury.
Inhalation..... Excessive inhalation can cause nasal and respiratory irritation. Can cause headaches, dizziness, fatigue, lack of coordination, tremors and unconsciousness.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Hydrotreated Light Petroleum Distillate	64742-47-8	60-100
Carbon Dioxide	124-38-9	1-5
Petroleum Naphtha	64742-95-6	0.1-1
Tetramethrin	7696-12-0	0.1-1
d-Phenothrin	26002-80-2	0.1-1
1,2,4-Trimethylbenzene	95-63-6	0.1-1

SECTION 04: FIRST AID MEASURES

Eye Contact..... Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.
Skin Contact..... Wash thoroughly with soap and lukewarm water. Get medical attention.
Ingestion..... Immediately call a poison control centre or physician. Do not induce vomiting unless told to do so by a poison control centre or physician. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
Inhalation..... If inhaled, remove to fresh air. If not breathing, give artificial respiration and obtain immediate medical assistance.
Additional Information..... Note to the doctor; treat symptomatically.

SECTION 05: FIRE FIGHTING MEASURES

Flammability Class..... Flammable.
Conditions..... Excessive heat, sparks and open flame.
Fire and Explosion Hazards..... Treat as an oil fire; wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Keep nearby containers cool with a water spray. Water runoff can cause environmental damage. Dike and collect water used to fight fire for proper disposal.
Extinguishing Media..... Wear NIOSH approved self-contained breathing apparatus or equivalent and full protective gear. Use water spray, foam, carbon dioxide, and dry chemical.
Sensitivity to Mechanical Impact..... No information available.
Sensitivity to Static Discharge..... No information available.

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SECTION 06: ACCIDENTAL RELEASE MEASURES

Spills and Leaks..... Large spill or leak is unlikely in aerosol containers. If happens, eliminate all sources of ignition. Stop release, if possible without risk. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain the spill. Transfer into waste containers for proper disposal or for recycling. Soak up with absorbent such as vermiculite, sand, or earth. Take action to reduce vapours. Clean up the spill area with detergent and water.

SECTION 07: HANDLING AND STORAGE

Precautions for Safe Handling..... Take prudent precautions to avoid contact with skin, eyes, and clothing. Mechanical ventilation should be used when handling this product in enclosed spaces. Avoid breathing vapours or spray mists of this product. Do not contaminate water, food or feedstuffs, by storage, handling, or by disposal. Read and observe all precautions and instructions on the label.

Conditions for Safe Storage including any ... Keep container closed. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from heat, sparks, and flame. Do not puncture or incinerate. Avoid contamination of food and feed.

Incompatibilities

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV		OSHA PEL	NIOSH
		STEL	PEL		
Hydrotreated Light Petroleum Distillate	Not available	Not available	Not available	Not available	Not available
Carbon Dioxide	5000 ppm	30000 ppm	9000 mg/m3	Not available	STEL: 30000ppm; TWA: 5000ppm
Petroleum Naphtha	Not available	Not available	Not available	Not available	Not available
	NOT AVAILABLE				
Tetramethrin	Not available	Not available	Not available	Not available	Not available
d-Phenothrin	Not available	Not available	Not available	Not available	Not available
1,2,4-Trimethylbenzene	25 ppm	not established	Not established	Not established	25 ppm (125 mg/m3)
	25 ppm				

Eye/Face Protection..... Use safety goggles or full-face shield when there is a potential for eye contact.

Skin Protection..... Use rubber or latex gloves when there is a potential for prolonged or excessive skin contact.

Respiratory Protection..... Wearing a respirator is not normally required when handling this product. Use in well ventilated areas. Take prudent precautions to avoid breathing vapours and/ or spray mists of this product.

Appropriate Engineering Controls..... Local exhaust ventilation required to maintain the point of use below the Threshold Limit Value if unprotected personnel are involved.

Exposure Limits

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Physical State..... Aerosol.

Physical Appearance..... Jet stream.

Odour..... Characteristic.

pH..... 6 - 7.5.

Vapour Density (Air=1)..... Not available.

Evaporation Rate (n-Butyl Acetate = 1)..... < 1 (n-Butyl Acetate = 1).

Boiling Point (Propellant), ° C..... - 78C.

Boiling Point liquid (°C)..... 218 - 257C.

Melting/Freezing Point (°C)..... N/A.

Auto Ignition Temperature (Propellant), °C... > 200.

Flash Point (°C), Method..... > 81 C .

Explosion Limits (vol%)..... Lower: 0.6; Upper: 4.9.

Vapour Pressure (psig)..... 80- 95 .

Solubility in water..... Insoluble in water.

Specific Gravity (Aerosol)..... 0.780 @ 25C.

Specific Gravity 0.780 @ 25C.

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Chemical Stability..... Stable at normal temperatures and pressures.
 Incompatible Materials..... Strong acids, bases, and oxidizing agents.
 Hazardous Decomposition Products..... May form carbon dioxide and carbon monoxide, various hydrocarbons.
 Possibility of Hazardous Reactions..... Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Hydrotreated Light Petroleum Distillate	>6.03 mg/L (Rat - 4hrs)	>5,000 mg/kg (Oral - Rat); >2,000 mg/kg (Dermal - Rabbit)
Carbon Dioxide	Not available	Not available
Petroleum Naphtha	Not available	6940 mg/kg (rat - oral); >3000 mg/kg (rat - dermal)
Tetramethrin	Not available	4,640 mg/kg (Oral - Rat)
d-Phenothrin	>3.760 mg/L (Rat - 4hrs)	5,000 mg/kg (Oral - Rat); <1,000 mg/kg (Dermal - Rabbit)
1,2,4-Trimethylbenzene	18000 mg/m3 (4 hrs - rat)	5000 mg/kg Rat oral; > 3160 mg/kg Rabbit dermal
Route of Exposure.....	Eye contact, Skin contact, Skin absorption, Inhalation, and Ingestion.	
Effects of Acute Exposure.....	No information is available.	
Chronic Effects.....	None known.	
Carcinogenicity.....	None known when used below acute toxicity limit.	
Reproductive Effects.....	No information is available, and no adverse effects are expected.	
Teratogenicity.....	No information is available, and no adverse effects are expected.	
Germ Cell Mutagenicity.....	No information is available, and no adverse effects are expected.	
Toxicological Data		

SECTION 12: ECOLOGICAL INFORMATION

General Information..... Product contains components which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and Federal/ national regulations.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate Disposal Methods..... When container is empty, replace cap and offer for recycling. Where recycling is not available, securely wrap container in several layers of newspaper and discard in trash. Contaminated absorbent and wash water should be disposed of according to local, State, and Federal regulations.

SECTION 14: TRANSPORT INFORMATION

Ground..... Consumer Commodity, ORM-D.
 Air..... Cannot be shipped by air.
 Sea..... AEROSOLS, Class 2.1, UN# 1950.

SECTION 15: REGULATORY INFORMATION

Canada Regulations:..... WHMIS Classification. A: Compressed gas. B5: Flammable Aerosol. D2A: Material causing very toxic effect. D2B: Material causing other toxic Materials.
 US Regulations..... Environmental Protection Act: Constituents of this product are included on the TSCA inventory. OSHA (29CFR 1910.1200) Classification: Compressed Gas. HIMS Classifications: see section 01. HMIS: 1 Health, 2 Fire, 0 Reactivity. .

SECTION 16: OTHER INFORMATION

Disclaimer..... This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. THIS SDS IS VALID FOR THREE YEARS. The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Empack assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material.
 Prepared by Regulatory Affairs

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SECTION 16: OTHER INFORMATION

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