



Safety Data Sheet (SDS)

Issue Date: 23-Dec-2020

Revision Date: 23-Dec-2020

Version 1

1. IDENTIFICATION

Product identifier

Product Name **Emphasis™**

Other means of identification

SDS # ADAMA-318

Registration Number(s) 33987 (*Pest Control Products Act*)
UN/ID No UN3082

Recommended use of the chemical and restrictions on use

Recommended Use Herbicide

Details of the supplier of the safety data sheet

Registrant

ADAMA Agricultural Solutions Canada Ltd.
300-191 Lombard Avenue
Winnipeg, Manitoba R3B 0X1
1-855-264-6262

Emergency telephone number

Emergency Telephone For fire, spill and/or leak contact INFOTRAC:
1-800-535-5053 (North America) 1-352-323-3500 (International)
For medical emergencies and health/safety inquiries, contact ProPharma Group:
1-877-250-9291

2. HAZARD IDENTIFICATION

This chemical is a product registered under the *Pest Control Products Act* (PCPA) of Canada and is subject to certain labeling requirements under federal law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-PCPA registered chemicals. Please see Section 15 for additional information. This product has been classified according to Canada's *Hazardous Product Regulations* (WHMIS 2015).

Appearance: Amber liquid

Physical state: Liquid

Odor: Phenolic and hydrocarbon

Classification

Carcinogenicity	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 4

Hazard Pictogram (s)



Signal Word

DANGER

Hazard statement(s) Suspected of causing cancer
May be fatal if swallowed and enters airways
Combustible liquid

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Wear protective gloves/protective clothing/eye protection/face protection
 Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product

Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention
 IF IN EYES: 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
 IF ON SKIN: Wash with plenty of soap and water
 Take off contaminated clothing and wash before reuse
 If skin irritation or rash occurs: Get medical advice/attention
 Wash contaminated clothing before reuse
 IF INHALED: Remove person to fresh air and keep comfortable for breathing
 Call a POISON CENTER or doctor/physician
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 Rinse mouth
 Do NOT induce vomiting
 In case of fire: Use CO₂, dry chemical, alcohol-resistant foam, and water spray for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool.
 Store locked up
 Keep out of reach of children

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight %
Naphtha (petroleum), heavy aromatic	64742-94-5	45-70
2-Methylnaphthalene	91-57-6	10-30
Carfentrazone-ethyl (ISO) ethyl (RS)-2-chloro-3-[2-chloro-4-fluoro-5-[4-difluoromethyl-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl][phenyl]]propionate	128639-02-1	10-30
1-methylnaphthalene	90-12-0	10-30
n-Butyl Alcohol	71-36-3	1-5
Naphthalene	91-20-3	0.1-1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

Description of first aid measures

General Advice

When possible, have the product label or product name and Pest Control Product Registration Number with you when calling a poison control center or doctor or going for treatment.

Eye Contact

Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Skin Contact	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.
Ingestion	Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms	Central nervous system effects. Gastrointestinal effects. Suspected of causing cancer. May be fatal if swallowed and enters airways.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	This product contains petroleum distillates at greater than 10%, vomiting may cause aspiration pneumonia. Treatment is symptomatic and supportive.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam (alcohol resistant preferred). Carbon dioxide (CO₂). Dry chemical. Water spray (fog).

Unsuitable Extinguishing Media	Not determined.
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Specific Hazards Arising from the Chemical

Slightly combustible. May support combustion at elevated temperatures.

Hazardous combustion products	Hydrogen chloride. Hydrogen fluoride. Carbon dioxide (CO ₂). Carbon monoxide (CO). Oxides of nitrogen. Oxides of sulfur and other potentially toxic combustion products may be present.
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Explosion Data

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Evacuate area of unprotected personnel. Remain upwind of fire to avoid hazardous vapors and decomposition products. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.
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Environmental precautions

Environmental precautions	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: Disposal Considerations.
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Methods and material for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
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Methods for Clean-Up

Surround and absorb spills with inert material such as perlite, clay granules, vermiculite, sand or dirt. Contain all affected material in a closed, labeled container for proper disposal. Isolate from other waste materials. Clean contaminated area such as hard surfaces with detergent and water, collecting cleaning solution for proper disposal. Large spills to soil or similar surfaces may necessitate removal of top soil.

7. HANDLING AND STORAGE

Precautions for safe handling**Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protection recommended in Section 8. Avoid breathing vapors or mists. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Do not contaminate water, food or feed by storage, disposal or by cleaning equipment. Open and handle container with care. Keep away from heat/sparks/open flames/hot surfaces.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Protect from freezing. Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Keep/store only in original container. Do not use food or drink containers for mixing or storage. Keep away from food, drink and animal feeding stuffs.

Packaging Materials

Do not reuse container.

Incompatible Materials

Avoid contact with strong acidic, basic or oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Carfentrazone-ethyl	TWA: 1 mg/m ³ inhalable particulate matter	-	-
Naphthalene*	TWA: 10 ppm	TWA: 10 ppm TWA: 50 mg/m ³	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m ³ STEL: 15 ppm STEL: 75 mg/m ³
1-Methylnaphthalene*	TWA: 0.5 ppm	-	-
2-Methylnaphthalene*	TWA: 0.5 ppm	-	-
n-Butyl Alcohol	TWA: 20 ppm	TWA: 100 ppm TWA: 300 mg/m ³	IDLH: 1400 ppm Ceiling: 50 ppm Ceiling: 150 mg/m ³

CANADIAN PROVINCES

Chemical Name	British Columbia	Alberta	Ontario TWAEV	Quebec
Naphthalene*	TWA: 10 ppm Skin	TWA: 10 ppm TWA: 52 mg/m ³ STEL: 15 ppm STEL: 79 mg/m ³	TWA: 10 ppm Skin	TWA: 10 ppm TWA: 52 mg/m ³ STEL: 15 ppm STEL: 79 mg/m ³
1-Methylnaphthalene*	TWA: 0.5 ppm Skin		TWA: 0.5 ppm Skin	
2-Methylnaphthalene*	TWA: 0.5 ppm Skin		TWA: 0.5 ppm Skin	-
n-Butyl Alcohol	TWA: 15 ppm Ceiling: 30 ppm	TWA: 20 ppm TWA: 60 mg/m ³	TWA: 20 ppm	Ceiling: 50 ppm Ceiling: 152 mg/m ³ Skin

* Skin Absorber

Appropriate engineering controls**Engineering Controls**

Please refer to the product label. Use only with adequate ventilation. Use process

enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Use splash goggles or face shield when contact may occur.
Skin and Body Protection	Chemical-resistant gloves such as nitrile. Long sleeved shirt, long pants, socks and shoes suggested as minimum work clothing. Coveralls or a chemical-resistant apron should also be worn when open pouring from containers greater than 5L. Use other equipment appropriate to specific situations.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. Wear an appropriate NIOSH/MSHA approved respirator if ventilation is inadequate.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Aromatic
Appearance	Brown, orange liquid	Odor Threshold	Not determined
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	5.3 (1% solution)		
Melting Point/Freezing Point	NA		
Boiling Point/Boiling Range	NA		
Flash Point	75.6°C / 168.08°F	Pensky-Martens Closed Cup	
Evaporation Rate	NA		
Flammability (Solid, Gas)	Liquid-Not applicable		
Flammability Limits in Air			
Upper Flammability Limits	NA		
Lower Flammability Limit	NA		
Vapor Pressure	NA		
Vapor Density	NA		
Relative Density	Approx. 1.08 g/mL	(Water = 1)	
Water Solubility	Product is emulsifiable in water		
Solubility in other solvents	NA		
Partition Coefficient	Not determined		
Auto-ignition Temperature	NA		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		
<u>Other information</u>			
Liquid Density	9.0 lbs/gal		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid

Heat, flames and sparks See Sec. 7 Handling & Storage.

Incompatible materials

Avoid contact with strong acidic, basic or oxidizing agents.

Hazardous decomposition products

Hydrogen chloride. Hydrogen fluoride. Carbon dioxide (CO₂). Carbon monoxide (CO). Oxides of nitrogen. Oxides of sulfur and other potentially toxic combustion products may be present.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	Mildly irritating
Skin Contact	Mildly irritating
Inhalation	May be fatal if swallowed and enters airways
Ingestion	Harmful if swallowed.

Component Information

Chemical name	Oral LD ₅₀	Dermal LD ₅₀	Inhalation LC ₅₀
Solvent naphtha (petroleum), heavy aromatic	> 5000 mg/kg (Rat)	> 2 mL/kg (Rabbit)	> 590 mg/m ³ (Rat) 4 h
2-Methylnaphthalene	= 1630 mg/kg (Rat)	-	-
Naphthalene	= 1110 mg/kg (Rat) = 490 mg/kg (Rat)	= 1120 mg/kg (Rabbit) > 20 g/kg (Rabbit)	> 340 mg/m ³ (Rat) 1 h
1-Methylnaphthalene	= 1840 mg/kg (Rat)	-	-
n-Butyl Alcohol	= 700 mg/kg (Rat) = 790 mg/kg (Rat)	= 3402 mg/kg (Rabbit) = 3400 mg/kg (Rabbit)	> 8000 ppm (Rat) 4 h
Carfentrazone-ethyl	= 5143 mg/kg (Rat)	> 4000 mg/kg (Rat)	= 5.09 mg/L (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity	Long-term exposure caused neurotoxicity (body tremors, decreased motor activity), decreased body weight and increased liver and spleen weight from animal testing.
Carcinogenicity	Suspected of causing cancer.
Sensitization	Non-sensitizing
Aspiration hazard	Potential for aspiration if swallowed. Vomiting after ingestion of this product may cause aspiration of aromatic hydrocarbons into the lungs, which may result in fatal pulmonary edema.

Chemical Name	ACGIH	IARC	NTP	OSHA
Naphthalene	A3	Group 2B	Reasonably Anticipated	X

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical measures of toxicity

Acute Inhalation LC₅₀ (Rat): > 6.31 mg/L (4-hr)

Acute Oral LD₅₀ (Rat): 4077 mg/Kg

Eye Irritation: Mildly irritating

Dermal Irritation: Mildly irritating

Acute Dermal LD₅₀ (Rat): > 4000 mg/Kg

Dermal Sensitization: Non-sensitizing

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Carfentrazone-ethyl	72 h EC ₅₀ : 0.012 mg/L 96 h NOEC: 1.0 µg/L	96 h LC ₅₀ : 1.6 mg/L 21 d NOEC: 0.0187 mg/L	48 h EC ₅₀ : <i>Daphnia magna</i> (water flea) >9.8 mg/L 21 d NOEC: 0.22 mg/L
Naphtha (petroleum), heavy aromatic	72 h EC ₅₀ : <i>Skeletonema costatum</i> (phytoplankton) 2.5 mg/L	96 h LC ₅₀ : <i>Lepomis macrochirus</i> (bluegill sunfish) 1740 mg/L static 96 h LC ₅₀ : <i>Oncorhynchus mykiss</i> (rainbow trout) 2.34 mg/L flow-through 96 h LC ₅₀ : <i>Pimephales promelas</i> (fathead minnow) 41 mg/L 96 h LC ₅₀ : <i>Pimephales promelas</i> 19 mg/L static 96 h LC ₅₀ : <i>Pimephales promelas</i> 45 mg/L flow-through	48 h EC ₅₀ : <i>Daphnia magna</i> 0.95 mg/L
n-Butanol	72 h EC ₅₀ : <i>Desmodesmus subspicatus</i> (green algae) >500 mg/L 96 h EC ₅₀ : <i>Desmodesmus subspicatus</i> >500 mg/L	96 h LC ₅₀ : <i>Lepomis macrochirus</i> 100000 - 500000 µg/L static 96 h LC ₅₀ : <i>Pimephales promelas</i> 1730 - 1910 mg/L 96 h LC ₅₀ : <i>Pimephales promelas</i> 1910 mg/L static 96 h LC ₅₀ : <i>Pimephales promelas</i> 1740 mg/L flow-through	48 h EC ₅₀ : <i>Daphnia magna</i> 1897 - 2072 mg/L 48 h EC ₅₀ : <i>Daphnia magna</i> 1983 mg/L static
Naphthalene	72 h EC ₅₀ : <i>Skeletonema costatum</i> 0.4 mg/L	96 h LC ₅₀ : <i>Lepomis macrochirus</i> 31.0265 mg/L static 96 h LC ₅₀ : <i>Oncorhynchus mykiss</i> 0.91 - 2.82 mg/L static 96 h LC ₅₀ : <i>Oncorhynchus mykiss</i> 1.6 mg/L flow-through 96 h LC ₅₀ : <i>Pimephales promelas</i> 1.99 mg/L static 96 h LC ₅₀ : <i>Pimephales promelas</i> 5.74 - 6.44 mg/L flow-through	48 h EC ₅₀ : <i>Daphnia magna</i> 1.09 - 3.4 mg/L 48 h EC ₅₀ : <i>Daphnia magna</i> 2.16 mg/L static 48 h EC ₅₀ : <i>Daphnia magna</i> 1.96 mg/L flow-through

Persistence/Degradability

Carfentrazone-ethyl: Non-persistent. Readily hydrolyzed. Not readily biodegradable

Bioaccumulation

Carfentrazone-ethyl: The substance does not have a potential for bioconcentration.

Mobility

Chemical name	Partition coefficient
Solvent naphtha (petroleum), heavy aromatic	2.9 - 6.1
Naphthalene	3.6

Other Adverse Effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Follow container label instructions for disposal of wastes generated during use in compliance with the product label.
Dispose in accordance with all local, state/provincial and federal regulations.

Contaminated Packaging Follow advice on product label.
Do not re-use empty containers.
Triple rinse containers.
Puncture container to avoid re-use.
Consult state and local regulations regarding the proper disposal of container.

14. TRANSPORT INFORMATION

Note The transport classification(s) and information provided in this section are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by mode of transportation, container volume and package sizes. The transportation of materials and related activities are subject to all applicable laws, rules and requirements of regional and/or country regulations. Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No UN3082
Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s. (Carfentrazone-ethyl)
Hazard class 9
Packing Group III
Marine Pollutant Yes
<119 Gal (450 Liters): Not regulated when transported on land by motor vehicle or rail car in non-bulk containers.
≥119 Gal (450 Liters): REGULATED
Refer to 49 CFR §171.4, 172.101 Appendix A & 173.132(b)(3)

IATA

UN number UN3082
Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s. (Carfentrazone-ethyl)
Transport hazard class(es) 9
Packing Group III
Marine Pollutant Yes

IMDG

UN number UN3082
Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s. (Carfentrazone-ethyl)
Transport hazard class(es) 9
Packing Group III
Marine Pollutant Yes

TDG

UN/ID No UN3082
Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s. (Carfentrazone-ethyl)
Hazard class 9
Packing Group III
Marine Pollutant Yes
Section 1.45.1 of the TDG Regulations provides an exemption from documentation and safety marks only for this product and only when transported by road or railway vehicle.

Marine Pollutants assigned UN number 3077 and 3082 in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 Kg or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code, IATA special provision A197, and ADR/RID special provision 375.

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Naphtha (petroleum), heavy aromatic	X	X	X		X	Present	X	X
Carfentrazone-ethyl	X					X		
Naphthalene	X	X	X	Present	X	Present	X	X
1-Methylnaphthalene	X	X	X	X	X	X	X	X
2-Methylnaphthalene	X	X	X	X	X	X	X	X
n-Butyl Alcohol	X	X	X	X	X	X	X	X

Legend:

TSCA - 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 Chemical Substances/European 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

US Federal Regulations**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances Reportable Quantity	Extremely Hazardous Substances Reportable Quantity
Naphthalene	100 lb (45.4 kg)	
n-Butyl Alcohol	5000 lb (2270 kg)	

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Naphthalene	91-20-3	0.1 – 1	0.1
n-Butyl Alcohol	71-36-3	1 – 5	1.0

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Naphthalene	100 lb	X	X	X

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Proposition 65
Naphthalene	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
n-Butyl Alcohol	X	X	X
Naphthalene	X	X	X
1-Methylnaphthalene	X	X	X
2-Methylnaphthalene	X		

CANADIAN REGULATIONS

There are Canada-specific environmental requirements for handling, use and disposal of this pest control product that are

indicated on the product label.

Hazardous Products Regulations Information:

This product has been classified in accordance with the amended *Hazardous Products Act* (HPA) and the Hazard Criteria of the *Hazardous Products Regulations* (HPR), and the SDS contains all the information required by the HPR.

Hazardous Products Act Information:

Pest control products, as defined in subsection 2(1) of the *Pest Control Products Act* (PCPA), are excluded from the application of the *Hazardous Products Act* (that is, pest control products are exempt from the supplier labelling and SDS requirements of the *Hazardous Products Act and Regulations*). This product is exempt under WHMIS 2015 but has voluntarily been classified according to the WHMIS 2015 standard.

Pest Control Products Act Registration Number: 33987

Read the approved label, authorized under the *Pest Control Products Act*, prior to using or handling the pest control product.

Product Statement

This chemical is a pest control product registered and regulated by Health Canada's Pest Management Regulatory Agency (PMRA) and is subject to certain labelling requirements under the *Pest Control Products Act*. These requirements differ from the classification criteria and hazard information required for GHS-consistent safety data sheets, and for workplace labels of non-PCPA registered chemicals. Read the approved label, authorized under the *Pest Control Products Act*, prior to using or handling the pest control product. The following is the hazard information required on the pest control product label:

PCPA Label Hazard Communications

EYE AND SKIN IRRITANT

KEEP OUT OF THE REACH OF CHILDREN

Harmful if swallowed, absorbed through the skin or inhaled. Causes moderate eye irritation. Avoid breathing vapours. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Do not use or store near heat or open flame.

Difference between SDS and Pest Control Products Act label

	PCPA	SDS
Signal Word	Caution	Danger
Acute toxicity - Oral	Harmful if swallowed	May be fatal if swallowed and enters airways
Acute toxicity - Inhalation	Harmful if inhaled	N/A
Acute toxicity - Dermal	Harmful if absorbed through the skin	N/A
Serious Eye Damage / Eye Irritation	Causes moderate eye irritation	Mildly irritating
Skin Corrosion/Irritation	Skin irritant	Mildly irritating
Skin sensitization	N/A	Non-sensitizing
Carcinogenicity	N/A	Suspected of causing cancer
Aspiration	Vomiting may cause aspiration pneumonia.	Potential for aspiration if swallowed. Vomiting after ingestion of this product may cause aspiration of aromatic hydrocarbons into the lungs, which may result in fatal pulmonary edema.

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	1	2	0	NA
HMIS	Health Hazards	Flammability	Physical hazard	Personal Protection
	1	2	0	See Section 8

NFPA/HMIS Ratings Legend: Severe = 4; Serious = 3; Moderate = 2; Slight = 1; Minimal = 0

Issue Date: 23-Dec-2020

Revision Date: 23-Dec-2020

Revision Note: New product

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet