

VOLIAM XPRESS

Version 1.0 Revision Date: 05/19/2021 SDS Number: S00057312893 This version replaces all previous versions.

SECTION 1. IDENTIFICATION

Product name : VOLIAM XPRESS
Design code : A15397Q
Product Registration number : 30325
Other means of identification : No data available

Manufacturer or supplier's details

Company name of supplier : Syngenta Canada Inc.
Address : 140 Research Lane, Research Park
Guelph ON N1G 4Z3
Canada

Telephone : 1-87-SYNGENTA (1-877-964-3682)
Telefax : 1-519-823-0504
Emergency telephone number : 1-800-327-8633 (FAST MED)

Recommended use of the chemical and restrictions on use

Recommended use : Insecticide

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the Hazardous Products Regulations**

Acute toxicity (Oral) : Category 3

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H301 Toxic if swallowed.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
Response:
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Rinse mouth.
Storage:
P405 Store locked up.

VOLIAM XPRESS

Version 1.0 Revision Date: 05/19/2021 SDS Number: S00057312893 This version replaces all previous versions.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

May cause temporary itching, tingling, burning or numbness of exposed skin, called paresthesia.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	Common Name/Synonym	CAS-No.	Concentration (% w/w)
propane-1,2-diol	propane-1,2-diol	57-55-6	$\geq 5 - < 10$ *
chlorantraniliprole	chlorantraniliprole	500008-45-7	9.2594
lambda-cyhalothrin (ISO)	lambda-cyhalothrin (ISO)	91465-08-6	4.6296
hydrocarbons, C10-C13, aromatics, <1% naphthalene	hydrocarbons, C10-C13, aromatics, <1% naphthalene	Not Assigned	$\geq 1 - < 5$ *
poly(oxy-1,2-ethanediyl), alpha-phosphono-omega-[2,4,6-tris(1-phenylethyl)phenoxy]-	poly(oxy-1,2-ethanediyl), alpha-phosphono-omega-[2,4,6-tris(1-phenylethyl)phenoxy]-	90093-37-1	$\geq 1 - < 5$ *

* Actual concentration or concentration range is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

- General advice : Have the product container, label or Safety Data Sheet with you when calling the emergency number, a poison control center or physician, or going for treatment.
- If inhaled : Move the victim to fresh air.
If breathing is irregular or stopped, administer artificial respiration.
Keep patient warm and at rest.
Call a physician or poison control centre immediately.
- In case of skin contact : Take off all contaminated clothing immediately.
Wash off immediately with plenty of water.
If skin irritation persists, call a physician.
Wash contaminated clothing before re-use.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses.
Immediate medical attention is required.
- If swallowed : If swallowed, seek medical advice immediately and show this container or label.

VOLIAM XPRESS

Version	Revision Date:	SDS Number:	This version replaces all previous versions.
1.0	05/19/2021	S00057312893	

Most important symptoms and effects, both acute and delayed : Do NOT induce vomiting. Aspiration may cause pulmonary oedema and pneumonitis. Skin contact paresthesia effects (itching, tingling, burning or numbness) are transient, lasting up to 24 hours.

Notes to physician : Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Extinguishing media - small fires
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Extinguishing media - large fires
Alcohol-resistant foam
or
Water spray

Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

Specific hazards during fire-fighting : As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health.

Further information : Do not allow run-off from fire fighting to enter drains or water courses.
Cool closed containers exposed to fire with water spray.

Special protective equipment for firefighters : Wear full protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Prevent further leakage or spillage if safe to do so.
Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Clean contaminated surface thoroughly.
Clean with detergents. Avoid solvents.
Retain and dispose of contaminated wash water.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : No special protective measures against fire required.
Avoid contact with skin and eyes.

VOLIAM XPRESS

Version 1.0 Revision Date: 05/19/2021 SDS Number: S00057312893 This version replaces all previous versions.

Conditions for safe storage : When using do not eat, drink or smoke.
 For personal protection see section 8.
 No special storage conditions required.
 Keep containers tightly closed in a dry, cool and well-ventilated place.
 Keep out of the reach of children.
 Keep away from food, drink and animal feedingstuffs.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
propane-1,2-diol	57-55-6	TWA (Vapour and aerosols)	50 ppm 155 mg/m ³	CA ON OEL
		TWA (aerosol)	10 mg/m ³	CA ON OEL
chlorantraniliprole	500008-45-7	TWA	5 mg/m ³	Syngenta
		TWA	10 mg/m ³ (Total dust)	Supplier
		TWA	5 mg/m ³ (Respirable dust)	Supplier
lambda-cyhalothrin (ISO)	91465-08-6	TWA	0.04 mg/m ³ (Skin)	Syngenta
hydrocarbons, C10-C13, aromatics, <1% naphthalene	Not Assigned	TWA	8 ppm 50 mg/m ³	Supplier

Engineering measures : THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION AND PACKAGING OF THE PRODUCT. FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated.

The extent of these protection measures depends on the actual risks in use.

Maintain air concentrations below occupational exposure standards.

Where necessary, seek additional occupational hygiene advice.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.
 When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

VOLIAM XPRESS

Version 1.0	Revision Date: 05/19/2021	SDS Number: S00057312893	This version replaces all previous versions.
----------------	------------------------------	-----------------------------	--

Remarks	:	Wear protective gloves. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The break through time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Eye protection	:	No special protective equipment required.
Skin and body protection	:	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. Remove and wash contaminated clothing before re-use. Wear as appropriate: Impervious clothing
Protective measures	:	The use of technical measures should always have priority over the use of personal protective equipment. When selecting personal protective equipment, seek appropriate professional advice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	white
Odour	:	No data available
Odour Threshold	:	No data available
pH	:	No data available
Melting point/range	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available

VOLIAM XPRESS

Version	Revision Date:	SDS Number:	This version replaces all previous versions.
1.0	05/19/2021	S00057312893	

Density	:	1.08 g/cm ³
Solubility(ies)		
Water solubility	:	No data available
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Particle size	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	None reasonably foreseeable.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	No decomposition if used as directed.
Incompatible materials	:	None known.
Hazardous decomposition products	:	No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Ingestion
Inhalation
Skin contact
Eye contact

Acute toxicity

Product:

Acute oral toxicity	:	LD50 (Rat, female): 98.11 mg/kg Remarks: Based on data from similar materials
Acute inhalation toxicity	:	LC50 (Rat, male and female): > 4.05 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhalation toxicity Remarks: Based on data from similar materials

VOLIAM XPRESS

Version 1.0	Revision Date: 05/19/2021	SDS Number: S00057312893	This version replaces all previous versions.
----------------	------------------------------	-----------------------------	--

Acute dermal toxicity : LD50 (Rat, male and female): > 5,000 mg/kg
 Assessment: The substance or mixture has no acute dermal toxicity
 Remarks: Based on data from similar materials

Components:

chlorantraniliprole:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 5.2 mg/l
 Exposure time: 4 h
 Test atmosphere: dust/mist
 Assessment: The substance or mixture has no acute inhalation toxicity

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg

lambda-cyhalothrin (ISO):

Acute oral toxicity : LD50 (Rat, female): 56 mg/kg
 LD50 (Rat, male): 79 mg/kg

Acute inhalation toxicity : LC50 (Rat, male and female): 0.06 mg/l
 Exposure time: 4 h
 Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rat, female): 696 mg/kg
 LD50 (Rat, male): 632 mg/kg

Skin corrosion/irritation

Product:

Species : Rabbit
 Result : No skin irritation
 Remarks : Based on data from similar materials

Components:

chlorantraniliprole:

Species : Rabbit
 Result : No skin irritation

lambda-cyhalothrin (ISO):

Species : Rabbit
 Result : No skin irritation
 Remarks : May cause temporary itching, tingling, burning or numbness of exposed skin, called paresthesia.

hydrocarbons, C10-C13, aromatics, <1% naphthalene:

VOLIAM XPRESS

Version 1.0 Revision Date: 05/19/2021 SDS Number: S00057312893 This version replaces all previous versions.

Result : Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation**Product:**

Species : Rabbit
Result : No eye irritation
Remarks : Based on data from similar materials

Components:**chlorantraniliprole:**

Species : Rabbit
Result : No eye irritation

lambda-cyhalothrin (ISO):

Species : Rabbit
Result : No eye irritation

poly(oxy-1,2-ethanediyl), alpha-phosphono-omega-[2,4,6-tris(1-phenylethyl)phenoxy]-:

Species : Rabbit
Result : Eye irritation

Respiratory or skin sensitisation**Product:**

Test Type : Buehler Test
Species : Guinea pig
Result : Did not cause sensitisation on laboratory animals.
Remarks : Based on data from similar materials

Components:**chlorantraniliprole:**

Species : Guinea pig
Result : Did not cause sensitisation on laboratory animals.

lambda-cyhalothrin (ISO):

Test Type : Maximisation Test
Species : Guinea pig
Result : Does not cause skin sensitisation.

Test Type : Local lymph node assay (LLNA)
Species : Mouse
Result : Does not cause skin sensitisation.

Germ cell mutagenicity**Components:****chlorantraniliprole:**

VOLIAM XPRESS

Version 1.0	Revision Date: 05/19/2021	SDS Number: S00057312893	This version replaces all previous versions.
----------------	------------------------------	-----------------------------	--

Germ cell mutagenicity - Assessment : Animal testing did not show any mutagenic effects.

lambda-cyhalothrin (ISO):

Germ cell mutagenicity - Assessment : Animal testing did not show any mutagenic effects.

Carcinogenicity

Components:

chlorantraniliprole:

Carcinogenicity - Assessment : No evidence of carcinogenicity in animal studies.

lambda-cyhalothrin (ISO):

Carcinogenicity - Assessment : Weight of evidence does not support classification as a carcinogen

Reproductive toxicity

Components:

chlorantraniliprole:

Reproductive toxicity - Assessment : Animal testing did not show any effects on fertility.

lambda-cyhalothrin (ISO):

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

STOT - single exposure

Components:

chlorantraniliprole:

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

lambda-cyhalothrin (ISO):

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure

Components:

chlorantraniliprole:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

lambda-cyhalothrin (ISO):

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

VOLIAM XPRESS

Version 1.0	Revision Date: 05/19/2021	SDS Number: S00057312893	This version replaces all previous versions.
----------------	------------------------------	-----------------------------	--

Repeated dose toxicity

Components:

chlorantraniliprole:

Remarks : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity

Components:

chlorantraniliprole:

No aspiration toxicity classification

hydrocarbons, C10-C13, aromatics, <1% naphthalene:

May be fatal if swallowed and enters airways.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 0.025 mg/l Exposure time: 96 h Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.00086 mg/l Exposure time: 48 h Remarks: Based on data from similar materials
Toxicity to algae/aquatic plants	:	NOEC (Raphidocelis subcapitata (freshwater green alga)): 3.2 mg/l End point: Growth rate Exposure time: 72 h Remarks: Based on data from similar materials
		ErC50 (Raphidocelis subcapitata (freshwater green alga)): 75 mg/l Exposure time: 72 h Remarks: Based on data from similar materials

Components:

chlorantraniliprole:

Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): > 13.8 mg/l Exposure time: 96 h
		LC50 (Lepomis macrochirus (Bluegill sunfish)): > 15.1 mg/l Exposure time: 96 h

VOLIAM XPRESS

Version 1.0 Revision Date: 05/19/2021 SDS Number: S00057312893 This version replaces all previous versions.

Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.0116 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (Raphidocelis subcapitata (freshwater green alga)): > 2 mg/l Exposure time: 96 h EC50 (Lemna gibba (gibbous duckweed)): > 2 mg/l Exposure time: 14 d
M-Factor (Acute aquatic toxicity)	:	10
Toxicity to fish (Chronic toxicity)	:	NOEC (Oncorhynchus mykiss (rainbow trout)): 0.11 mg/l Exposure time: 90 d
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (Daphnia magna (Water flea)): 0.00447 mg/l Exposure time: 21 d NOEC (Chironomus riparius (harlequin fly)): 0.0025 mg/l Exposure time: 28 d
M-Factor (Chronic aquatic toxicity)	:	10
lambda-cyhalothrin (ISO):		
Toxicity to fish	:	LC50 (Leuciscus idus (Golden orfe)): 0.000078 mg/l Exposure time: 96 h LC50 (Ictalurus punctatus (channel catfish)): 0.00016 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.00036 mg/l Exposure time: 48 h LC50 (Americamysis): 0.000007 mg/l Exposure time: 48 h EC50 (Hyalella azteca (Amphipod)): 0.000002 mg/l Exposure time: 48 h
Toxicity to algae/aquatic plants	:	ErC50 (Raphidocelis subcapitata (freshwater green alga)): > 0.31 mg/l Exposure time: 96 h
M-Factor (Acute aquatic toxicity)	:	100,000
Toxicity to fish (Chronic toxicity)	:	NOEC (Pimephales promelas (fathead minnow)): 0.000031 mg/l Exposure time: 300 d
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	:	NOEC (Daphnia magna (Water flea)): 0.000002 mg/l Exposure time: 21 d NOEC (Americamysis): 0.00022 µg/l Exposure time: 28 d

VOLIAM XPRESS

Version 1.0	Revision Date: 05/19/2021	SDS Number: S00057312893	This version replaces all previous versions.
----------------	------------------------------	-----------------------------	--

M-Factor (Chronic aquatic toxicity) : 100,000
 Toxicity to microorganisms : EC50 (activated sludge): > 100 mg/l
 Exposure time: 3 h

hydrocarbons, C10-C13, aromatics, <1% naphthalene:

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): 3.6 mg/l
 Exposure time: 96 h
 Remarks: Information given is based on data obtained from similar substances.

Toxicity to daphnia and other aquatic invertebrates : EL50 (Daphnia magna (Water flea)): 1.1 mg/l
 Exposure time: 48 h
 Remarks: Information given is based on data obtained from similar substances.

Toxicity to algae/aquatic plants : EL50 (Raphidocelis subcapitata (freshwater green alga)): 7.9 mg/l
 End point: Growth rate
 Exposure time: 72 h
 Remarks: Information given is based on data obtained from similar substances.

NOELR (Raphidocelis subcapitata (freshwater green alga)): 0.22 mg/l
 End point: Growth rate
 Exposure time: 72 h
 Remarks: Information given is based on data obtained from similar substances.

Ecotoxicology Assessment

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

Persistence and degradability

Components:

chlorantraniliprole:

Biodegradability : Result: Not readily biodegradable.

lambda-cyhalothrin (ISO):

Biodegradability : Result: Not readily biodegradable.

Stability in water : Degradation half life (DT50): 7 d
 Remarks: Product is not persistent.

hydrocarbons, C10-C13, aromatics, <1% naphthalene:

Biodegradability : Result: Readily biodegradable.

VOLIAM XPRESS

Version 1.0	Revision Date: 05/19/2021	SDS Number: S00057312893	This version replaces all previous versions.
----------------	------------------------------	-----------------------------	--

Bioaccumulative potential

Components:

chlorantraniliprole:

Bioaccumulation : Remarks: Does not bioaccumulate.

lambda-cyhalothrin (ISO):

Bioaccumulation : Remarks: Bioaccumulates

Mobility in soil

Components:

chlorantraniliprole:

Distribution among environmental compartments : Remarks: immobile

lambda-cyhalothrin (ISO):

Distribution among environmental compartments : Remarks: immobile

Stability in soil : Dissipation time: 56 d
Percentage dissipation: 50 % (DT50)
Remarks: Product is not persistent.

Other adverse effects

Components:

chlorantraniliprole:

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

lambda-cyhalothrin (ISO):

Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Refer to the product label for specific disposal/recycling information
Do not contaminate ponds, waterways or ditches with chemical or used container.
Do not dispose of waste into sewer.
Where possible recycling is preferred to disposal or incineration.
If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging : Refer to the product label for specific disposal/recycling information

VOLIAM XPRESS

Version	Revision Date:	SDS Number:	This version replaces all previous versions.
1.0	05/19/2021	S00057312893	

Empty remaining contents.
Triple rinse containers.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number	:	UN 3352
Proper shipping name	:	PYRETHROID PESTICIDE, LIQUID, TOXIC (CHLORANTRANILIPROLE AND LAMBDA-CYHALOTHRIN)
Class	:	6.1
Packing group	:	III
Labels	:	6.1

IATA-DGR

UN/ID No.	:	UN 3352
Proper shipping name	:	Pyrethroid pesticide, liquid, toxic (CHLORANTRANILIPROLE AND LAMBDA-CYHALOTHRIN)
Class	:	6.1
Packing group	:	III
Labels	:	Toxic
Packing instruction (cargo aircraft)	:	663
Packing instruction (passenger aircraft)	:	655
Environmentally hazardous	:	yes

IMDG-Code

UN number	:	UN 3352
Proper shipping name	:	PYRETHROID PESTICIDE, LIQUID, TOXIC (CHLORANTRANILIPROLE AND LAMBDA-CYHALOTHRIN)
Class	:	6.1
Packing group	:	III
Labels	:	6.1
EmS Code	:	F-A, S-A
Marine pollutant	:	yes

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

TDG

UN number	:	UN 3352
Proper shipping name	:	PYRETHROID PESTICIDE, LIQUID, TOXIC (CHLORANTRANILIPROLE AND LAMBDA-CYHALOTHRIN)
Class	:	6.1
Packing group	:	III
Labels	:	6.1
ERG Code	:	151
Marine pollutant	:	yes

VOLIAM XPRESS

Version 1.0	Revision Date: 05/19/2021	SDS Number: S00057312893	This version replaces all previous versions.
----------------	------------------------------	-----------------------------	--

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

Warning, contains the allergens 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one

Read the label, authorised under the Pest Control Products Act, prior to using or handling the pest control product

This chemical is a pest control product registered by Health Canada Pest Management Regulatory Agency 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. The following is the hazard information required on the pest control product label: There are Canada-specific environmental requirements for handling, use, and disposal of this pest control product that are indicated on the label.

Danger

Skull and crossbones

poison

Potential skin sensitiser

NPRI Components : sulphuric acid
styrene
aluminium oxide
naphthalene

The components of this product are reported in the following inventories:

DSL : This product contains the following components that are not on the Canadian DSL nor NDSL.

- chlordantraniliprole
- lambda-cyhalothrin (ISO)
- hydrocarbons, C10-C13, aromatics, <1% naphthalene
- 2-propenoic acid, 2-methyl-, polymer with methyl 2-methyl-2-propenoate, ester with alpha-methyl-omega-hydroxypoly(oxy-1,2-ethanediyl
- poly(oxy-1,2-ethanediyl), alpha-phosphono-omega-[2,4,6-tris(1-phenylethyl)phenoxy]-
- Polysiloxanes

Canadian lists

No substances are subject to a Significant New Activity Notification.

VOLIAM XPRESS

Version 1.0	Revision Date: 05/19/2021	SDS Number: S00057312893	This version replaces all previous versions.
----------------	------------------------------	-----------------------------	--

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

CA ON OEL : Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.

CA ON OEL / TWA : Time-Weighted Average Limit (TWA)

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Revision Date : 05/19/2021
Date format : mm/dd/yyyy

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.

CA / EN