

Safety Data Sheet STING-X PRO

Supersedes Date Not applicable

Issuing Date 07/31/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name STING-X PRO
Recommended use Insecticide
Information on Manufacturer
CHECK-MARK DIV. OF DM RESOURCES, INC.
1310 E. NORTHGATE DRIVE
IRVING, TEXAS 75062

Product Code 5303
Chemical nature Petroleum distillates
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Colorless

Physical state liquid

Odor Petroleum distillates

GHS

Classification

Physical Hazards

Gases under pressure

Liquefied gas

Health Hazard

Aspiration Toxicity

Serious Eye Damage/Eye Irritation

Specific target organ systemic toxicity (single exposure)

Specific target organ toxicity (repeated exposure)

Category 1

Category 2B

Category 3

Category 2

Other hazards

None

Labeling

Signal Word

DANGER



Hazard statements

H280 - Contains gas under pressure; may explode if heated

H320 - Causes eye irritation

H304 - May be fatal if swallowed and enters airways

H336 - May cause drowsiness or dizziness

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

P210 - Keep away from heat, sparks, open flames or hot surfaces.

P251 - Pressurized container: Do not pierce or burn, even after use

P264 - Wash face, hands and any exposed skin thoroughly after handling

P260 - Do not breathe vapor, mist or gas.

P271 - Use in a well-ventilated area.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists, get medical attention.

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P312 - Call a physician if unwell.

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.

P410 + P403 - Protect from sunlight. Store in a well-ventilated place

P501 - Dispose of contents and container in accordance with applicable local regulations.

3 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Petroleum distillates, hydrotreated light	64742-47-8	60-100
Carbon dioxide	124-38-9	1-5

TRADE SECRET PERCENTAGES

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice	Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing.
Eye Contact	Hold the eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes of treatment, then continue rinsing the eye. Call a Poison Control Center or a doctor for treatment advice.
Skin Contact	Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Call a physician or poison control center immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
Notes to physician	Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

5. FIRE-FIGHTING MEASURES

Flash Point	No data available > 200 °F / > 93 °C	Method	Seta closed cup	Lower:	No data available
Flammability Limits in Air %:	No information available.	Upper:	No data available		
Suitable Extinguishing Media	Foam. Dry chemical. Water spray. Carbon dioxide (CO ₂). Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.				
Specific hazards arising from the chemical	Material can create slippery conditions. Flame extension: 0 inches / 0 cm and Burnback: 0 inch / 0 cm.				
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.				
Aerosol Level (NFPA 30B) -	3				
NFPA	Health 2	Flammability 4	Instability 0		
HMIS	Health 2	Flammability 4	Instability 0		

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Keep away from open flames, hot surfaces and sources of ignition. Avoid breathing vapors, mist or gas. Avoid contact with skin, eyes and clothing.			
Storage	Keep away from heat and sources of ignition. Keep in a dry, cool and well-ventilated place.			
Storage Temperature	Minimum	Maximum	Heated	Refrigerated
Storage Conditions	Indoor	X	Outdoor	

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated light	525 mg/m ³ TWA	No data available	No data available
Carbon dioxide	TWA: 5000 ppm STEL: 30000 ppm	TWA: 5000 ppm TWA: 9000 mg/m ³	40000 ppm STEL 30000 ppm STEL 54000 mg/m ³ TWA: 5000 ppm TWA: 9000 mg/m ³

Engineering Measures	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	Wear suitable protective clothing, Impervious gloves.

Respiratory Protection	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
General Hygiene Considerations	Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid	Viscosity	Non viscous
Color	Colorless	Odor	Petroleum distillates
Odor Threshold	Not applicable	Appearance	Transparent
pH	Not applicable	Specific Gravity	0.81
Evaporation Rate	<1 (Butyl acetate=1)	Percent Volatile (Volume)	40
VOC Content (%)	1	VOC Content (g/L)	8.1
Vapor Pressure	0.4 mmHg @ 70°F	Vapor Density	<6 (Air = 1.0)
Solubility	Negligible	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	450 °F / 232 °C	Flammability (solid, gas)	No data available
Flash Point	No data available > 200 °F / > 93 °C	Method	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	No information available	Upper:	No data available
		Lower:	No data available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition.
Incompatible Products	Strong oxidizing agents.
Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure Skin contact, Eye contact, Inhalation.

Primary Routes of Entry Skin contact, Skin Absorption.

Acute Effects:

Eyes Causes eye irritation.

Skin May cause skin irritation.

Inhalation May cause irritation of respiratory tract. Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

 Prolonged skin contact may defat the skin and produce dermatitis.

Chronic Toxicity

Target Organ Effects

Respiratory system, Central nervous system, Cardiovascular system, Liver, Kidney.

Aggravated Medical Conditions

Respiratory disorders, Skin disorders, Neurological disorders, Heart disease, Liver disorders, Kidney disorders.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Petroleum distillates, hydrotreated light	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Carbon dioxide	no data available	no data available	no data available	no data available	Respiratory system

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	log Pow
Petroleum distillates, hydrotreated light	No information available.	LC50 = 45 mg/L Pimephales promelas 96 h LC50 = 2.2 mg/L Lepomis macrochirus 96 h LC50 = 2.4 mg/L Oncorhynchus mykiss 96 h	No information available	No information available.	N/A

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency.

Container Disposal

Contents under pressure. Do not puncture. Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name Consumer commodity
Hazard Class ORM-D
Description Consumer commodity ,ORM-D,

TDG

Proper shipping name Aerosols
Hazard Class 2.1
UN-No UN1950
Description AEROSOLS,2.1,UN1950

ICAO

UN-No UN1950
Proper Shipping Name Aerosols
Hazard Class 2.1
Shipping Description Aerosols,UN1950

IATA

UN-No UN1950
Proper Shipping Name Aerosols, flammable
Hazard Class 2.1
ERG-Code 10L
Shipping Description UN1950,Aerosols, flammable,2.1

IMDG/IMO

Proper Shipping Name Aerosols
Hazard Class 2
UN-No UN1950
EmS No. F-D, S-U
Description UN1950, Aerosols,2

15. REGULATORY INFORMATION

Inventories

TSCA

Complies

DSL

Complies

U.S. Federal Regulations

FIFRA

This chemical is a pesticide product registered by the US EPA and is subject to certain labeling requirements under federal pesticide laws. These requirements differ from the classification criteria and hazard information required for SDSs, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

CAUTION

Causes moderate eye irritation.
Prolonged or frequently repeated skin contact may cause an allergic reaction in some individuals.

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:

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	Yes	No

CERCLA

16. OTHER INFORMATION

Prepared By	Adrienne McKee
Supersedes Date	Not applicable
Issuing Date	07/31/2015
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

CHECK-MARK DIV. OF DM RESOURCES, INC. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.