

# Safety Data Sheet STING-X AEROSOL SAMPLE, US CM

Supersedes Date 10/03/2013

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** STING-X AEROSOL SAMPLE, US CM  
**Recommended use** Insecticide  
**Information on Manufacturer**  
CERTIFIED LABS, DIV. OF NCH CORP.  
BOX 152170  
IRVING, TEXAS 75015

**Product Code** 5388  
**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

Flammable Aerosols  
Gases under pressure

Compressed Gas

##### Health Hazard

Aspiration Toxicity  
Acute Dermal Toxicity  
Serious Eye Damage/Eye Irritation  
Specific target organ systemic toxicity (single exposure)

Category 1  
Category 4  
Category 2B  
Category 3

##### Other hazards

None

### Labeling

#### Signal Word

**DANGER**



#### Hazard statements

H222 - Extremely flammable aerosol  
H336 - May cause drowsiness or dizziness  
H312 - Harmful in contact with skin  
H320 - Causes eye irritation  
H304 - May be fatal if swallowed and enters airways  
H280 - Contains gas under pressure; may explode if heated

#### Precautionary Statements

P210 - Keep away from heat, sparks, open flames or hot surfaces.  
P251 - Pressurized container: Do not pierce or burn, even after use  
P280 - Wear protective gloves, protective clothing and eye protection.  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P261 - Avoid breathing vapor  
P271 - Use in a well-ventilated area.  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P312 - Call a physician if unwell.  
P362 - Take off contaminated clothing and wash before reuse  
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.  
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.  
P403 + P235 - Store in a well-ventilated place. Keep cool.  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F  
P501 - Dispose of contents and container in accordance with applicable local regulations.

2 % 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

#### 4. FIRST AID MEASURES

<b>General advice</b>	Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	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.
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
<b>Ingestion</b>	Call a physician or poison control center immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
<b>Notes to physician</b>	Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b> 190 °F / 88 °C	<b>Method</b> Seta closed cup	
<b>Flammability Limits in Air %:</b> Mixture.	<b>Upper:</b> 5.0	<b>Lower:</b> 0.7
<b>Suitable Extinguishing Media</b>		
Foam. Dry chemical. Water spray. Carbon dioxide (CO <sub>2</sub> ). Alcohol-resistant foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
<b>Specific hazards arising from the chemical</b>		
Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions. Flame extension: >30 inches / >75 cm and Burnback: 0 inch / 0 cm.		
<b>Protective Equipment and Precautions for Firefighters</b>		
As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.		
<b>Aerosol Level (NFPA 30B) -</b>	3	
<b>NFPA</b>	<b>Health</b> 2	<b>Flammability</b> 3
<b>HMIS</b>	<b>Health</b> 2	<b>Flammability</b> 3
		<b>Instability</b> 0
		<b>Instability</b> 0

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Prevent further leakage or spillage if safe to do so.
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system.
<b>Methods for Containment</b>	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).
<b>Methods for Cleaning Up</b>	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
<b>Neutralizing Agent</b>	Not applicable.

#### 7. HANDLING AND STORAGE

<b>Handling</b>	Keep away from open flames, hot surfaces and sources of ignition. Avoid breathing vapors, mist or gas. Avoid contact with skin, eyes and clothing.
<b>Storage</b>	Keep away from heat and sources of ignition. Keep in a dry, cool and well-ventilated place.
<b>Storage Temperature</b>	<b>Minimum</b> 35 °F / 2 °C <b>Maximum</b> 120 °F / 49 °C
<b>Storage Conditions</b>	<b>Indoor</b> X <b>Outdoor</b> <b>Heated</b> <b>Refrigerated</b>

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### Exposure Guidelines

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

<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should
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	be achieved by the use of local exhaust ventilation and good general extraction.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	Wear suitable protective clothing, Impervious gloves.
<b>Respiratory Protection</b>	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
<b>General Hygiene Considerations</b>	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

<b>Physical state</b>	liquid	<b>Viscosity</b>	Non viscous
<b>Color</b>	Colorless	<b>Odor</b>	Petroleum distillates
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Transparent
<b>pH</b>	Not applicable	<b>Specific Gravity</b>	0.706
<b>Evaporation Rate</b>	59.62 (Butyl acetate=1)	<b>Percent Volatile (Volume)</b>	0
<b>VOC Content (%)</b>	0	<b>VOC Content (g/L)</b>	0
<b>Vapor Pressure</b>	5641 mmHg @ 70°F	<b>Vapor Density</b>	1.5 (Air = 1.0)
<b>Solubility</b>	Negligible	<b>n-Octanol/Water Partition</b>	No data available
<b>Melting Point/Range</b>	No data available	<b>Decomposition Temperature</b>	No data available
<b>Boiling Point/Range</b>	421 °F / 216 °C	<b>Flammability (solid, gas)</b>	No data available
<b>Flash Point</b>	190 °F / 88 °C	<b>Method</b>	Seta closed cup
<b>Autoignition Temperature</b>	No information available.		
<b>Flammability Limits in Air %:</b>	Mixture	<b>Upper: 5.0 Lower: 0.7</b>	

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces, and sources of ignition.
<b>Incompatible Products</b>	Strong oxidizing agents.
<b>Decomposition Temperature</b>	No data available
<b>Hazardous Decomposition Products</b>	Carbon oxides, Nitrogen oxides (NOx).
<b>Possibility of Hazardous Reactions</b>	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.

**Chronic Toxicity** Prolonged skin contact may defat the skin and produce dermatitis.

**Target Organ Effects** Respiratory system, Central nervous system, Cardiovascular system.

**Aggravated Medical Conditions** Respiratory disorders, Skin disorders, Neurological disorders, Heart disease.

Component Information

**Acute Toxicity**

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Petroleum distillates, hydrotreated light 64742-47-8	> 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 124-38-9	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**  
**Hazard Class**  
**Description**Consumer commodity  
ORM-D  
Consumer commodity ,ORM-D,**TDG****Proper shipping name**  
**Hazard Class**  
**UN-No**  
**Description**Aerosols  
2.1  
UN1950  
AEROSOLS,2.1,UN1950**ICAO****UN-No**  
**Proper Shipping Name**  
**Hazard Class**  
**Shipping Description**UN1950  
Aerosols  
2.1  
Aerosols,UN1950**IATA****UN-No**  
**Proper Shipping Name**  
**Hazard Class**  
**ERG-Code**  
**Shipping Description**UN1950  
Aerosols, flammable  
2.1  
10L  
UN1950,Aerosols, flammable,2.1**IMDG/IMO****Proper Shipping Name**  
**Hazard Class**  
**UN-No**  
**EmS No.**  
**Description**Aerosols  
2  
UN1950  
F-D, S-U  
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**

Flammable

Contents under pressure

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	Yes	Yes	No

CERCLA

**16. OTHER INFORMATION**

Prepared By Kim Franklin  
 Supersedes Date 10/03/2013  
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 Reason for Revision No information available.  
 Glossary No information available.  
 List of References. No information available.

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