



# 600 - STINGER® FABRIC PROTECTOR

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

Date: 5.1.2020

#### Product identifier

Product Trade Name **STINGER® FABRIC PROTECTOR**  
Product code **600**

#### Relevant identified uses of the substance or mixture and uses advised against

Identified Uses **Soil and Stain Repellent**  
\*Uses Advised Against **\*Do not aerosolize**

#### Company identifier

Stinger Chemical, LLC  
905 Live Oak  
Houston, Texas 77003

#### Telephone

713-227-1340

#### Fax

713-225-1767

#### Emergency Phone Numbers

**CHEMTREC: 1(800) 424-9300 USA**  
**CANUTEC: 1 (613) 996-6666 CANADA**

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Liq. 3, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1

#### GHS Label Elements, including precautionary statements

##### Pictogram



##### Signal Word

DANGER

#### Hazard Statement(s)

Flammable liquid and vapour, COMBUSTIBLE LIQUID  
Causes skin irritation  
May cause drowsiness or dizziness  
May be fatal if swallowed and enters airways

#### Precautionary Statement(s)

Keep away from heat/sparks/open flames/hot surfaces and other ignition sources. No Smoking.  
Take precautionary measures against static discharge. Ground/bond container and receiving equipment. Use only non-sparking tools.  
Keep container tightly closed.  
Wear protective gloves/eye protection/face protection. Use only outdoors or in a well-ventilated area. Avoid breathing vapours.  
Wash hands and exposed skin after use.

#### Other Hazards

Toxic to aquatic life. Toxic to aquatic life with long-lasting effects.

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### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

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#### Components

Material	% by Weight	CAS#	Hazard Classification
Isoparaffinic hydrocarbon	88-89	64742-48-9	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Asp. Tox. 1; H304 STOT SE 3; H336 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
Perfluorinated polymer	11-12	Trade Secret	Not classified as dangerous for supply/use

**Additional Information** – Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below – **None.**

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### 4. FIRST AID MEASURES

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<b>General Advice</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
<b>Inhalation</b>	Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.
<b>Skin contact</b>	Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.
<b>Eye contact</b>	Rinse cautiously with water for at least several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
<b>Ingestion</b>	DO NOT give anything by mouth to an unconscious person. DO NOT induce vomiting.

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### 5. FIRE FIGHTING MEASURES

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<b>Extinguishing media</b>	In case of fire: Use CO2, dry chemical or foam. DO NOT USE WATER JET.
Suitable extinguishing media	
Unsuitable extinguishing media	
<b>Special Hazards Arising from the substance Or Mixture</b>	Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms toxic fumes of hydrogen fluoride and carbonyl fluoride.
<b>Advice for firefighters</b>	Firefighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire.

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### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, protective equipment and emergency procedures

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Ground/bond container and recycling equipment. Use only non-sparking tools. Use product in a well-ventilated area only. Wear protective gloves, eye protection and face protection. Avoid breathing vapors.

#### Environmental Precautions

Do not allow to enter drains, sewers or watercourses.

#### Methods for cleaning up spills

Contain spillages with sand, earth or any suitable absorbent material. Collect spillage. Transfer to a container for disposal or recovery. Wash the spillage area with water. If possible, prevent water from running into sewers.

#### Reference to other sections Additional information

None  
None

### 7. HANDLING AND STORAGE

#### Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Ground/bond container and recycling equipment. Use only non-sparking tools. Use product in a well-ventilated area only. Wear protective gloves, eye protection and face protection. Avoid breathing vapors..

#### Conditions for safe storage

Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store at temperatures not exceeding 50° C / 122° F.

#### Incompatible materials

Strong oxidizing agents and water.

#### Specific end use(s)

Soil and stain repellent.

### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

#### Occupational exposure Limits

Substance	(8 Hour TWA)		STEL	
	PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)
Alkanes and cycloalkanes (C5-C8)		1500mg/m3		
Alkanes and cycloalkanes (C9-C15)		1200mg/m3		

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### Exposure controls

Appropriate Engineering Controls

Not normally required.

Personal Protective Equipment – The following to be used as necessary.

Eye/face protection

Safety glasses with side-shields.

Skin protection (Hand protection/other)

Gloves (butyl rubber, neoprene or natural rubber). Check with manufacturer's data.

Respiratory protection

Not normally required. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required.

Environmental Exposure Controls

Do not allow to enter drains, sewers or watercourses.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Form	Liquid
Color	Clear to slightly hazy. Almost colorless
Odor	Characteristic
Odor threshold (ppm)	Not available
pH (Value)	Not available
Melting Point	Not available
Boiling Point	~160 °C
Flash Point	49 °C / 120.2 F
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable
Explosive limit ranges	0.7% - 5.6% v/v (isoparaffic hydrocarbon)
Vapor pressure (Pascal)	Not available
Vapor Density (Air = 1)	Not available
Density (g/ml)	0.75 (+/- 0.04)
Solubility in Water	Insoluble
Solubility (Other)	Not available
Partition coefficient (n-Octanol/water)	Not available
Auto-Ignition Temperature	Not applicable
Decomposition Temperature	Not available
Kinematic Viscosity (cSt) @ 40 °C	1.21 (Isoparaffic hydrocarbon)
Explosive Properties	Not explosive
Oxidizing Properties	Not oxidizing

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## 10. STABILITY AND REACTIVITY

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Reactivity	Stable under normal conditions.
Chemical stability	Stable at normal temperatures and storage conditions.
Possibility of Hazardous Reactions	None anticipated.
Conditions to Avoid	Avoid contact with heat and ignition sources.
Materials to Avoid	Strong oxidizing agents and water.
Hazardous decomposition products	At temperatures over 200°C or under fire conditions, toxic decomposition products may form.

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### 11. TOXICOLOGICAL INFORMATION

Exposure Routes: Inhalation, Skin Contact, Eye Contact

#### Information on toxicological effects

#### Isoparaffinic Hydrocarbon (CAS# 64742-48-9) – By analogy with similar materials

Acute toxicity	Oral: LD50 > 5000 mg/kg (rat) Dermal: LD50 > 2000 mg/kg (rabbit)
Irritation / Corrosivity	Causes skin irritation.
Sensitization	It is not a skin sensitizer.
Repeated Dose Toxicity	None anticipated.
Mutagenicity	None anticipated.
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA
No	No	No	No

Developmental Toxicity	None anticipated.
Toxicity for Reproduction	None anticipated.
Other Information	None known.

### 12. ECOLOGICAL INFORMATION

#### Substances in Preparations / Mixtures:

#### Isoparaffinic Hydrocarbon (CAS# 64742-48-9) – By analogy with similar materials

Acute toxicity	LL50 (96hr) = 8.2mg/l ( <i>Pimephales promelas</i> ) EL50 (48hr) = 4.5mg/l ( <i>Daphnia magna</i> )
Long Term Toxicity	NOELR (21 days) = 2.6mg/l ( <i>Daphnia magna</i> ) NOELR (72 hr) = 0.5mg/l ( <i>Pseudokirchnerella subcapitata</i> )
Persistence and Degradability	According to OECD criteria the substance is not readily biodegradable but inherently biodegradable.
Bioaccumulative Potential	No data available
Mobility in Soil	No data available
PBT and vPvB Assessment	Not classified as PBT or vPvB.
Other adverse effects	None known

### 13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods	Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.
Contaminated packaging	Disposed of as unused product.

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**14. TRANSPORTATION INFORMATION**

	Land Transport <u>(DOT)</u>	Sea Transport <u>(IMDG)</u>	Air Transport <u>(ICAO/IATA)</u>
UN Number			UN 1268
Proper Shipping Name	Not DOT Regulated for transport in containers on trucks < 119 Gallons	Not DOT Regulated for Transport in containers on trucks < 119 Gallons	Petroleum Distillates, N.O.S. 3, III
Transport Hazard Class(es)			Flammable Liquid
Packing Group			No
Hazard Label(s)			None Assigned
Environmental Hazards			
Special Precautions for user			

Transport in bulk according to ANNEX II of MARPOL73/78 and the IBC code: **Not Applicable**

\*Reclassified as a "combustible liquid" according to 49 CFR 173.120 (b)(2). Not regulated for ground shipments in the U.S. in non-bulk packaging (<119 gallons).

**15. REGULATORY INFORMATION**

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) Inventory Status: All products listed or polymer exempt

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4)

Chemical Name	CAS No.	Typical %Wt.	RQ (Pounds)
None	-----	-----	-----

Sara 311/312 – Hazard Categories: None

Fire  Sudden Release  Reactivity  Immediate  Chronic (delayed)

SARA 313 – Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	RQ (Pounds)
None	-----	-----

SARA 302 – Extremely Hazardous Substances (40 CFR 355):

Chemical Name	CAS No.	Typical %Wt.	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California)

Chemical Name	CAS No.	Typical %Wt.	Hazards
None	-----	-----	-----

16. OTHER INFORMATION

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**Disclaimer:** The information herein is given in good faith, but no warranty, expressed or implied is made. It relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Consult Stinger Chemical, LLC for further information.

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