



COMPANY IDENTITY: Stinger Chemical LLC  
PRODUCT IDENTITY: 948- STINGER® AUTO FOGGER

SDS DATE: 01/22/2022  
ORIGINAL: 01/22/2022

## SAFETY DATA SHEET

THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD), and to ANSI Z400.5

IMPORTANT: Read this SDS before handling & disposing of this product.

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT IDENTITY: 948- STINGER® AUTO FOGGER  
PRODUCT USES : Cleaning Compound

COMPANY IDENTITY: Stinger Chemical LLC  
COMPANY ADDRESS: 905 Live Oak Street  
Houston, TX 77003

COMPANY PHONE: 713-227-1340 or  
888-STING-IT (784-6448)

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

### SECTION 2. HAZARDS IDENTIFICATION

GHS Classification of the substance/ mixture

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Acute Tox. 4 - H302 Eye Irrit. 2 - H319 STOT SE 3 - H335
<b>Environmental hazards</b>	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Hazard pictograms



Signal word

**WARNING**

### HAZARD STATEMENTS

H302 Harmful if swallowed.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

P273 Avoid release to the environment.  
P280 Wear eye and face protection.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P313 Get medical advice/attention.  
P501 Dispose of contents/container in accordance with national regulations.

**Supplemental label information**

**Contains**

EUH031 Contact with acids liberates toxic gas.  
DICHLOROISOCYANURIC ACID SALTS

**Detergent labeling**

≥ 30% chlorine-based bleaching agents

**Supplementary precautionary statements**

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P405 Store locked up.

This product does not contain any substances classified as PBT or vPvB.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

MATERIAL	CAS number	EC NUMBER	%
DICHLOROISOCYANURIC ACID SALTS	2893-78-9	220-767-7	30-60
ADIPIIC ACID	124-04-9	204-673-3	10-30

COMMENTS: To the best of our knowledge, all of the substances used in this product are being supported for the relevant application in REACH.,The Biocidally Active components of this product are supported in the Biocidal Products Regulation.

**SECTION 4: FIRST AID MEASURES**

- INHALATION** Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
- INGESTION** Do not induce vomiting. Rinse mouth thoroughly with water. Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.
- SKIN CONTACT** Remove contaminated clothing that is not stuck to the skin. Flush area with clean water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
- EYE CONTACT** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
- PROTECTIOIN OF FIRST AIDERS** First aid personnel should wear appropriate protective equipment during any rescue.

**4.2. Most important symptoms and effects, both acute and delayed**

- GENERAL INFORMATION** Neat product may cause irritation to skin and eyes. Dilute chemical may result in mild irritation to skin. Contact of dilute chemical with eyes should still be treated as outlined above.
- INHALATION** Unlikely route of exposure. Inhalation of sprayed droplets may result in soreness of the throat, mouth and nose. Inhalation of dry dust may result in soreness of throat and in extreme cases burning.

**CONTINUED\* 4.2. Most important symptoms and effects, both acute and delayed**

- INGESTION** Unlikely route of exposure without deliberate abuse. If dilute chemical is ingested some soreness of the mouth, throat and GI tract may occur. If neat chemical is ingested, chemical burning of mouth, throat and GI tract will occur.
- SKIN CONTACT** Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Use solutions may cause mild irritation, especially to open cuts and abrasions.
- EYE CONTACT** May cause irritation to the eyes. May result in permanent eye damage.

**NOTES FOR THE DOCTOR**

Rinse well with water to neutral pH. Check for abrasion to the surface of eyes. May cause severe burns to mouth and GI Tract. If mixed with acidic material will produce Chlorine Gas, check for respiratory disorders.

**SECTION 5: FIREFIGHTING METHODS**

- EXTINGUISHING MEDIA** Use fire-extinguishing media suitable for the surrounding fire. Do not use water, if avoidable.
- SUITABLE MEDIA** Do not use dry fire extinguishers containing ammonium compounds
- SPECIFIC HAZARDS** Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m<sup>3</sup>. The solid does not support combustion, but if heated harmful or irritating vapors or dust clouds may be formed. Contact with acids liberates Toxic Chlorine Gas.
- ADVICE FOR FIREFIGHTERS** Use air respirator if substance is involved in a fire. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.
- Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulators
- Methods for cleaning up** Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.
- Reference to other sections:** See sections 8,12 & 13

**SECTION 7: HANDLING AND STORAGE**

- USER PRECAUTIONS** Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapors, spray or mist. Read and follow manufacturer's recommendations.
- STORAGE PRECAUTIONS** Keep container tightly closed. Keep only in the original container in a cool, well-ventilated place. Store in a demarcated bunded area to prevent release to drains and/or watercourses. Store between -5 and +30 Degrees C.
- SPECIFIC END USE(S)  
Usage description** Disinfectant, refer to Product Information Sheet for full details. This product is suitable for use in food preparation areas

**SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION**

- CONTROL PARAMETERS FOR INGREDIENTS** The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m<sup>-3</sup> 8-hour TWA of inhalable dust or 4 mg.m<sup>-3</sup> 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels.

**CONTINUED\***

**CONTROL PARAMETERS FOR INGREDIENTS**

This product is a tablet, if crushed dust may be formed and the above should be considered. Where new information becomes available under REACH, this will be passed on as revisions to the Safety Data Sheet. Where an exposure level is quoted, a risk assessment should consider if there is a need to monitor the atmosphere of the working environment. Results should be compared against the WEL and/or DNEL information provided. The Long Term WEL refers to total exposure of a worker to a specific substance averaged out over an 8 hour period. The Short Term WEL refers to a single exposure of a worker to a specific substance over a 15 minute period. If the Short Term WEL is exceeded and no Long Term Limit is set, further exposure during the working shift is not permitted. Further controls should be implemented to ensure that future exposure to the substance is reduced below the levels set before the activity is repeated/continued. Where no Short Term WEL exists, guidance from the HSE is to use a value of three times the Long Term WEL. The WEL limits are laid down in the EH40 list as supplied by the HSE. This is taken from the Chemical Agents Directive (98/24/EC). Where a worker is exposed to levels approaching a limit, further exposure control measures should be considered to reduce exposure to the substance.

**EXPOSURE CONTROLS**

**APPROPRIATE ENGINEERING CONTROLS  
PERSONAL PROTECTION**



If use of this product generates dust, mists, vapors or fumes, process enclosures or local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits quoted in this SDS or other data sources.

The PPE indicated above is not a COSHH assessment. It represents PPE that should be considered during the manufacture, distribution, use and final disposal stages of this product's life cycle. It is the responsibility of employers to conduct a COSHH/risk assessment to determine appropriate PPE levels. The information given below should be used to support this assessment. Where possible replace manual processes with automated or closed processes to minimize contact with the product.

**EYE/ FACE PROTECTION**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Refer to EN Standard 166 to select appropriate level of protection. Tight-fitting safety glasses. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC). Refer to Standard EN 374.

**HAND PROTECTION**

**OTHER SKIN /BODY PROTECTION**

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible. Reference to EN 13832 and EN 943 is useful when selecting footwear and clothing.

**HYGEINE MEASURES**

Promptly remove non-impervious clothing that has become contaminated, provided it is not adhered to the skin. Provide eyewash station and safety shower.

**RESPIRATORY PROTECTION**

If ventilation is inadequate, suitable respiratory protection must be worn. In the case of dust or aerosol formation (eg spraying), or vapour from hot vessels, use respiratory protection with an approved filter (P2).

**ENVIRONMENTAL EXPOSURE CONTROLS**

Do not allow the substance to contaminate surface water/ground water. See points 6, 12 &13.

**GEN HEALTH AND SAFETY MEASURES**

Note:- In use solutions at recommended dilution are not classified, but a risk assessment to determine PPE should be conducted. A full Risk Assessment should be carried out before handling any chemical(s). Risk Assessments should refer to COSHH, and any other relevant legislation or industry specific guidelines governing the use of chemicals.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Tablet.
Color	White.
Odor	Chlorine.
Odor threshold	Not applicable.
pH	pH (diluted solution): 6 - 8 @ 1%
Melting point	Not applicable.

**CONTINUED\* SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Initial boiling point and range	Not applicable.
Flash point	Not available. Not applicable. Contains no Flammable Components
Evaporation rate	Not applicable.
Evaporation factor	Not applicable.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable
Bulk density	Not applicable.
Solubility(ies)	Not determined.
Partition coefficient	Not applicable. Not technically practical for mixtures
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not applicable.
Explosive properties	Not considered to be explosive
Oxidising properties	Does not meet the criteria for classification as oxidizing.
Volatile organic compound	Not applicable
Storage Temperature Range	-5 to +30 Degrees C

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity	Not expected to react when correctly stored and used. Mixing with other chemicals may produce unexpected reactions. Solutions of this product if mixed with acids may produce Toxic Chlorine Gas.
Stability	Stable at normal ambient temperatures.
Possibility of hazardous reactions	Refer to section 10.1.
Conditions to avoid	Avoid excessive heat for prolonged periods of time. The substance is hygroscopic and will absorb water by contact with the moisture in the air.
Materials to avoid	Acids, Oxidizing, or Reducing Chemicals.
Hazardous decomposition products	Oxides of the following substances: Chlorine.

**SECTION 11: TOXICOLOGICAL INFORMATION**

ATE oral (mg/kg)	961.53846154
CARCINOGENICITY	The components of this formulation will not be systemically available in the body under normal conditions of handling. As a consequence it is not expected to cause cancer.

**CONTINUED\* SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Reproductive toxicity-fertility</b>	The components of this formulation will not be systemically available in the body under normal conditions of use and handling. As a consequence it is not expected to be toxic to the reproductive system or developing fetus.
<b>Inhalation</b>	May cause respiratory system irritation.
<b>Ingestion</b>	May cause burns in mucous membranes, throat, esophagus and stomach
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	Irritating to eyes. Risk of serious damage to eyes.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Eco-toxicity</b>	This product is classified as very toxic to aquatic life, this refers to the neat product. Normal use is not expected to pose a risk.
<b>Acute toxicity - fish</b>	Normal use of diluted product is unlikely to pose a risk. On heating corrosive fumes may be produced. See note 12.0.
<b>Persistence and biodegradability</b>	The product is expected to be biodegradable.
<b>Bioaccumulative potential</b>	Not expected to bio accumulate.
<b>Partition coefficient</b>	Not applicable. Not technically practical for mixtures.
<b>Mobility in soil</b>	The product contains substances which are water soluble and may spread in water systems.
<b>Results of PBT and vPvB assessment</b>	This product does not contain any substances classified as PBT or vPvB.
<b>Other adverse effects</b>	Not determined.

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>GENERAL INFORMATION</b>	When handling waste, the safety precautions applying to handling of the product should be considered.
<b>DISPOSAL METHODS</b>	Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction.

### SECTION 14: TRANSPORT INFORMATION

UN No. (ADR/RID) 3077  
UN No. (IMDG) 3077  
UN No. (ICAO) 3077

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(DICHLOROISCYANURIC ACID SALTS)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.  
(DICHLOROISCYANURIC ACID SALTS)

ADR/RID class	9	PACKING GROUP	
ADR/RID subsidiary risk			
ADR/RID label	9	3ADR/RID packing group	III
IMDG class	9	IMDG packing group	III
IMDG subsidiary risk		ICAO packing group	III
ICAO class/division	9		
ICAO subsidiary risk			

Transport labels



Environmentally hazardous substance/marine pollutant



EmS	F-A, S-F
Emergency Action Code	2Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code NOT APPLICABLE

### SECTION 15: REGULATORY INFORMATION

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

**EU legislation**  
European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures. This replaces Directive 67/548/EEC - Classification, Packaging and Labelling of Dangerous Substances and Regulation (EC) No. 453/2010 relating to the Classification, Packaging and Labelling of Dangerous Preparations. Also considered is the REACH Regulation (EC) No.1907/2006.

**CONTINUED\* SECTION 15: REGULATORY INFORMATION**

**Chemical safety assessment** No chemical safety assessment has been carried out

**SECTION 16: OTHER INFORMATION**

**Abbreviations and acronyms used in the safety data sheet**

(EC) No. 1272/2008 : EU Regulation on Classification, Labeling and Packaging of Substances and Mixtures.  
NPIS - National Poisons Information Service.  
vPvB - Very Persistent, Very bio-accumulative.  
PBT - Persistent, Bio-accumulative & Toxic.  
REACH - Registration, Evaluation, Authorization & restriction of Chemicals (Regulation EC 1907/2006).  
DNEL - Derived No Effect Limit.  
PNEC - Predicted No Effect Concentration.  
COSHH - Control of Substances Hazardous to Health.  
Industry - Refers in section 8 to application of the substance in an industrial process. Professional - Refers in section 8 to application/ use of the preparation/product in a skilled trade premises.

**ISSUE DATE  
SDS number**

01/22/2022  
948

**Risk phrases in full**

R22 Harmful if swallowed.  
R36/37 Irritating to eyes and respiratory system.  
R36 Irritating to eyes.  
R31 Contact with acids liberates toxic gas.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Hazard statements in full**

H272 May intensify fire; oxidizer.  
H302 Harmful if swallowed.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

**REACH extended SDS comments**

REACH requires that persons handling chemicals should take the necessary risk management measures, in accordance with assessments from manufacturers and importers of chemical substances. The relevant recommendations must be passed along the supply chain. These assessments are generally reported in Exposure Scenarios. Where Exposure Scenarios have been provided for substances used in this product, the relevant information is incorporated into the safety data sheet.



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CONTINUED\* SECTION 16: OTHER INFORMATION

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.