

SAFETY DATA SHEET

Light Stabilizer 944

SUQIAN UNITECHEM CO., LTD

SDS

• According to GHS (Ninth Revised Edition)

Section 1 Product and Company Identification

> Product Identifier

Product Name	Light Stabilizer 944
Synonyms	-
CAS No.	70624-18-9
EC No.	615-131-4
Molecular Formula	-

> Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Relevant Identified Uses	Please consult manufacturer.
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> Details of the Supplier of the Safety Data Sheet

Applicant Name	SUQIAN UNITECHEM CO., LTD
Applicant Address	22, NANHUA RD, ECOLOGICAL CHEMICAL AND ECHNOLOGY INDUSTIAL PARK, SUQIAN, CHINA
Applicant Post Code	223800
Applicant Telephone	+86-527-80805270
Applicant Fax	+86-527-84829099
Applicant E-mail	TechSupport@china944.com
Supplier Name	SUQIAN UNITECHEM CO., LTD
Supplier Address	22, NANHUA RD, ECOLOGICAL CHEMICAL AND ECHNOLOGY INDUSTIAL PARK, SUQIAN, CHINA
Supplier Post Code	223800
Supplier Telephone	+86-527-80805270
Supplier Fax	+86-527-84829099
Supplier E-mail	TechSupport@china944.com

> Emergency Phone Number

Emergency Phone Number	+86-527-84836111
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Section 2 Hazards Identification

> Hazard class and label elements of the product according to GHS:

> GHS Hazard Class

Hazardous To The Aquatic Environment – Long-Term (Chronic) Hazard	Category 3
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> GHS Label Elements

Pictogram	No information available
Signal Word	No information available

> Hazard Statements

H412	Harmful to aquatic life with long lasting effects
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> Precautionary Statements**Prevention**

P273	Avoid release to the environment.
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Response

No information available

Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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> Other Hazards

No information available

Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent, %)	CAS No.	EC No.
Poly{[(1,1,3,3-tetramethylbutyl)amino]-1,3,5-triazine-2,4-diyl}[2,2,6,6-tetramethyl-4-piperidyl]imino]-1,6-hexanediyl[(2,2,6,-tetramethyl-4-piperidyl)imino]]}	<=100	70624-18-9	615-131-4

Section 4 First Aid Measures

> Description of First Aid Measures

General Advice	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin Contact	Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.
Protecting of First-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

> Most Important Symptoms and Effects, both Acute and Delayed

- 1 Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

> Indication of Any Immediate Medical Attention and Special Treatment Needed

- 1 Treat symptomatically.
- 2 Symptoms may be delayed.

Section 5 Fire Fighting Measures

> Extinguishing Media**Suitable Extinguishing Media**

Dry chemical, carbon dioxide, water spray, alcohol-resistant foam.

Unsuitable**Extinguishing Media**

Do not use a solid water stream as it may scatter or spread fire.

> Specific Hazards Arising from the Substance or Mixture

- 1 Containers may explode when heated.
- 2 Fire exposed containers may vent contents through pressure relief valves.
- 3 May expansion or decompose explosively when heated or involved in fire.

> Advice for Firefighters

- 1 As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
- 2 Fight fire from a safe distance, with adequate cover.
- 3 Prevent fire extinguishing water from contaminating surface water or the ground water system.

> Further information

No information available

Section 6 Accidental Release Measure

> Personal Precautions, Protective Equipment and Emergency Procedures

- 1 Ensure adequate ventilation. Remove all sources of ignition.
- 2 Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
- 3 Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.

> Environmental Precautions

- 1 Prevent further leakage or spillage if safe to do so.
- 2 Discharge into the environment must be avoided.

> Methods and Materials for Containment and Cleaning Up

- 1 Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
- 2 Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.
- 3 Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

Section 7 Handling and Storage

> Precautions for Handling

- 1 Handling is performed in a well ventilated place.
- 2 Wear suitable protective equipment.
- 3 Avoid contact with skin and eyes.
- 4 Keep away from heat/sparks/open flames/ hot surfaces.
- 5 Take precautionary measures against static discharges.

> Precautions for Storage

- 1 Keep containers tightly closed.
- 2 Keep containers in a dry, cool and well-ventilated place.
- 3 Keep away from heat/sparks/open flames/ hot surfaces.
- 4 Store away from incompatible materials and foodstuff containers.

Section 8 Exposure Controls/Personal Protection

> Control Parameters**Occupational Exposure Limit Values**

No information available

Biological Limit Values

No information available

Monitoring Methods

- 1 EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
- 2 GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air (Series standard) .

> Engineering Controls

- 1 Ensure adequate ventilation, especially in confined areas.
- 2 Ensure that eyewash stations and safety showers are close to the workstation location.
- 3 Use explosion-proof electrical/ventilating/lighting/equipment.
- 4 Set up emergency exit and necessary risk-elimination area.

> Personal Protection Equipment

Eye Protection	Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US).
Respiratory protection	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.
Hand Protection	Wear protective gloves (such as butyl rubber) , passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.
Skin and Body Protection	Wear fire/flame resistant/retardant clothing and antistatic boots.

Section 9 Physical and Chemical Properties

Appearance: Light yellow solid	Odor: No information available
Odor Threshold: No information available	pH: No information available
Melting Point/Freezing Point(°C) : ≥112	Initial Boiling Point and Boiling Range(°C): No information available
Flash Point(°C)(Closed Cup): No information available	Evaporation Rate: No information available
Flammability: No information available	Upper/lower explosive limits[% (v/v)]: Upper limit: No information available; Lower limit: No information available
Vapor Pressure: No information available	Relative Vapour Density (Air=1): No information available
Relative Density (Water=1): No information available	Solubility in water: Insoluble in water
n-Octanol/Water partition Coefficient: No information available	Auto-Ignition Temperature(°C): No information available

Decomposition Temperature(°C): No information available

Kinematic Viscosity(mm2/s): No information available

Particle characteristics: No information available

Section 10 Stability and Reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No information Available
Conditions to Avoid	Incompatible materials, heat, flame and spark.
Incompatible Materials	No information available
Hazardous Decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 Toxicological Information

> Acute Toxicity

LD50 rat (oral): > 5,000 mg/kg (OECD Guideline 401)
LD50 rat (dermal): > 3,000 mg/kg (OECD Guideline 402)

> Skin Corrosion/Irritation

non-irritant

> Serious Eye Damage/Irritation

No information Available

> Respiratory Sensitization

No information Available

> Germ Cell Mutagenicity

No information Available

> Carcinogenicity

ID	CAS No.	Component	IARC	NTP
1	70624-18-9	Poly{[(1,1,3,3-tetramethylbutyl)amino)-1,3,5-triazine-2,4-diyl][2,2,6,6-tetramethyl-4-piperidyl]imino]-1,6-hexanediy l[(2,2,6,-tetramethyl-4-piperidyl)imino]]}	Not Listed	Not Listed

> Reproductive Toxicity

No information Available

> Reproductive Toxicity (Additional)

No information Available

> STOT-Single Exposure

No information Available

> STOT-Repeated Exposure

No information Available

> Aspiration Hazard

RTECS: No information Available

Section 12 Ecological Information

> Toxicity

No information Available

> Others

Persistence and Degradability	No information Available
Bioaccumulative potential	No information Available
Mobility in soil	No information Available
Results of PBT and vPvB assessment	Light Stabilizer-944 does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.
Additional information	No information available

Section 13 Disposal Considerations

Waste Chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated Packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.

Section 14 Transport Information

Transporting Label	No information Available		
UN Number	ADR/RID:-	IMDG:-	IATA/ICAO :-
UN Proper Shipping Name	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS		
Transport Hazard Class	ADR/RID: -	IMDG: -	IATA/ICAO: -
Transport Subsidiary Hazard Class	None		
Packing Group	ADR/RID: -	IMDG: -	IATA/ICAO: -
Marine pollutant	ADR/RID: -	IMDG: -	IATA/ICAO: -

Section 15 Regulatory information

> International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS
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Light Stabilizer 944	×	✓	✓	✓	✓	×	×	✓	✓
【EINECS】	European Inventory of Existing Commercial Chemical								
【TSCA】	United States Toxic Substances Control Act Inventory								
【DSL】	Canadian Domestic Substances List.								
【IECSC】	China Inventory of Existing Chemical								
【NZIoC】	New Zealand Inventory of Chemicals.								
【PICCS】	Philippines Inventory of Chemical Substances								
【KECI】	Existing and Evaluated Chemical Substances.								
【AICS】	Australia Inventory of Chemical Substances.								
【ENCS】	Existing and Evaluated Chemical Substances.								

Note

“✓” Indicates that the substance included in the regulations

“×” That no data or included in the regulations

Section 16 Additional Information

Creation Date 2018/1/6

Revision Date 2023/4/1

Reason for Revision -

> Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purpose. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.