

SAFETY DATA SHEET

Antioxidant 5057

SUQIAN UNITECHEM CO., LTD

SDS

• According to GHS (Ninth Revised Edition)

Section 1 Product and Company Identification

> Product Identifier

Product Name	Antioxidant 5057
Synonyms	-
CAS No.	68411-46-1
EC No.	270-128-1
Molecular Formula	-

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

Relevant Identified Uses	Antioxidant, plastic additive, stabilizer
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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
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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

Repr. 2
Aquatic Acute 3

> GHS Label Elements

Pictogram**Signal Word**

Warning

> Hazard Statements**H361f**

Suspected of damaging fertility.

H412

Hazardous to the aquatic environment, long-term hazard.

> Precautionary Statements**Prevention****P203**

Obtain, read and follow all safety instructions before use.

P280

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

P273

Avoid release to the environment.

Response**P318**

If exposed or concerned, get medical advice.

Storage**P405**

No information available

Disposal**P501**

Dispose of contents/ container to an approved waste disposal plant.

> Other Hazards

No information available

Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent, %)	CAS No.	EC No.
Benzenamine,N-phenyl-,reaction products with 2,4,4-trimethylpentene	<=100	68411-46-1	270-128-1

Section 4 First Aid Measures

> Description of First Aid Measures**General Advice**

Take affected persons out of danger area and lay down.

Eye Contact

In case of irregular breathing or respiratory arrest provide artificial respiration. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin Contact

Wash off immediately with soap and plenty of water. Get medical attention if irritation occurs.

Ingestion

Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek medical attention immediately.

Inhalation

Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

> Most Important Symptoms and Effects, both Acute and Delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or section 11.

> Indication of Any Immediate Medical Attention and Special Treatment Needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

Section 5 Fire Fighting Measures

> Extinguishing Media

Suitable Extinguishing Media Carbon dioxide, dry chemical or foam.

Unsuitable extinguishing media water jet
for safety reasons:

> Specific Hazards Arising from the Substance or Mixture

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

> Advice for Firefighters

Wear self-contained breathing apparatus and protective suit.

> Further information

Standard procedure for chemical fires.

Section 6 Accidental Release Measure

> Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective clothing. Keep people away and stay on the upwind side. Breathing protection required.

> Environmental Precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

> Methods and Materials for Containment and Cleaning Up

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

Section 7 Handling and Storage

> Precautions for Handling

As with all industrial chemicals, use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation.

> Precautions for Storage

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place. sensitive to cold. To reliquify heat contents to 35°C (95°F)

Storage stability:

Storage temperature: > 10 °C

Protect from temperatures below: 10 °C

Section 8 Exposure Controls/Personal Protection

> Control Parameters

Occupational Exposure Limit Values

No information available

Biological Limit Values

No information available

Monitoring Methods

No information available

> Engineering Controls

Work in well ventilated areas. Do not breathe vapors or mist.

> Personal Protection Equipment

Eye/face Protection Wear splash proof chemical goggles.

Respiratory protection Use NIOSH approved respirator as needed to mitigate exposure.

Skin Protection Wear chemical resistant gloves and protective clothing.

Section 9 Physical and Chemical Properties

Appearance: Clear, amber liquid

Odor: No information available

Odor Threshold: No information available

pH: 5.1-6.2 (1 %(m), 20 - 25 °C) (as suspension)

Freezing/Melting Point/Freezing Point(°C) : ≤ 12°C (54°F) (pour point)

Initial Boiling Point and Boiling Range(°C): No information available

Flash Point(°C) (Closed Cup): 154 °C (ASTM D93)

Evaporation Rate: No information available

Flammability: not flammable

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: No information available

n-Octanol/Water partition Coefficient: No information available

Auto-Ignition Temperature(°C): Not auto-ignition

Decomposition Temperature(°C): > 250°C (482°F)

Kinematic Viscosity(mm²/s): No information available

Particle characteristics: No information available

Section 10 Stability and Reactivity

Reactivity No information available

Chemical Stability Stable under normal temperature conditions and recommended use.

Possibility of Hazardous Reactions None expected.

Conditions to Avoid None known

Incompatible Materials Strong oxidizing agents, strong acids, strong bases.

**Hazardous
Decomposition
products**

No decomposition expected under normal storage conditions.

Section 11 Toxicological Information**> Acute Toxicity**

LD50 rat (oral): > 5,000 mg/kg
LD50 rat (dermal): > 2,000 mg/kg

> Skin Corrosion/Irritation

(Rabbits) Not an irritant.

> Serious Eye Damage/Irritation

(Rabbits) Not an irritant.

> Respiratory Sensitization

No information available.

> Germ Cell Mutagenicity

No information available.

> Carcinogenicity

ID	CAS No.	Component	IARC	NTP
1	68411-46-1	Benzenamine,N-phenyl-,reaction products with 2,4,4-trimethylpentene	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

No information available.

Section 12 Ecological Information

> Toxicity

Toxicity to Fish: LC50: > 71 ppm 96-hour, (Zebra fish)

Toxicity to Invertebrates: EC50: 48 hour 51 mg/l (Daphnia magna)

Toxicity to Algae: Not determined

Toxicity to Sewage Bacteria: Inhibitory concentration on respiration of aerobic waste water bacteria: IC50: > 100ppm

> Others

Biodegradability:	Modified Sturm test: Not readily biodegradable in this test with 0 - 1% in 28 days.
Bioaccumulation:	Japanese (MITI) bioaccumulation study: (Carp) Not bioaccumulative at test concentrations of 1.0 and 0.1 ppm.
Results of PBT and vPvB assessment	The substance is not PBT/ vPvB
Additional information	No information available.

Section 13 Disposal Considerations

Waste Chemicals	Dispose in accordance with local, state, provincial and federal regulations.
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Section 14 Transport Information

Transporting Label	-
UN Number	-
UN Proper Shipping Name	Not classified as a dangerous good under transport regulations
Transport Hazard Class	-
Transport Subsidiary Hazard Class	-
Packing Group	-
Marine pollutant	-

Section 15 Regulatory information

> International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	ENCS
Antioxidant 5057	✓	✓	✓	✓	✓	✓	✓	x

Note

“✓” Indicates that the substance included in the regulations

“x” That no data or included in the regulations

Section 16 Additional Information

Creation Date	2022/9/6
Revision Date	2023/3/29
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.