

SAFETY DATA SHEET

Antioxidant 1076

SUQIAN UNITECHEM CO., LTD

SDS

• According to GHS (Ninth Revised Edition)

Section 1 Product and Company Identification

> Product Identifier

Product Name	Antioxidant 1076
Synonyms	-
CAS No.	2082-79-3
EC No.	218-216-0
Molecular Formula	C ₃₅ H ₆₂ O ₃

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

Relevant Identified Uses	Antioxidant
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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
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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

No information available

> GHS Label Elements

No information available

> **Other Hazards**

No information available

Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent, %)	CAS No.	EC No.
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	>=98.0	2082-79-3	218-216-0

Section 4 First Aid Measures

> **Description of First Aid Measures**

General Advice	Remove contaminated clothing.
Eye Contact	Flush eyes with water as a precaution.
Skin Contact	Wash off with soap and plenty of water.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration.

> **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**

No information available.

Section 5 Fire Fighting Measures

> **Extinguishing Media**

Suitable Extinguishing Media	dry powder, foam
Unsuitable Extinguishing Media	carbon dioxide

> **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 for firefighting if necessary.

> **Further information**

No information available.

Section 6 Accidental Release Measure

> **Personal Precautions, Protective Equipment and Emergency Procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas.

> Environmental Precautions

No special environmental precautions required.

> Methods and Materials for Containment and Cleaning Up

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Contain with dust binding material and dispose of.

Avoid raising dust.

Section 7 Handling and Storage

> Precautions for Handling

Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Provide appropriate exhaust ventilation at places where dust is formed.

Dust explosion class: Dust explosion class 2 (Kst-value 200 up to 300 bar m s-1).

> Precautions for Storage

Keep container tightly closed and dry; store in a cool place.

Storage stability: Storage temperature: < 40 °C

The packed product is not damaged by low temperatures or by frost.

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

General industrial hygiene practice.

> Personal Protection Equipment

Eye Protection

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Respiratory protection

Suitable respiratory protection for lower concentrations or short-term effect:
Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand Protection	Chemical resistant protective gloves (EN 374) Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.
Body Protection	Body protection must be chosen based on level of activity and exposure.

Section 9 Physical and Chemical Properties

Appearance: White powder or granules	Odor: No information available
Odor Threshold: No information available	pH: No information available
Melting Point/Freezing Point(°C) : 50-55	Initial Boiling Point and Boiling Range(°C): 320
Flash Point(°C) (Closed Cup): 273	Evaporation Rate: No information available
Flammability: not highly 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): 1.012 g/cm ³ at 20°C	Solubility in water: No information available
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	No information available
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No information available
Conditions to Avoid	No information available
Incompatible Materials	Strong oxidizing agents, Strong reducing agents
Hazardous Decomposition products	No information available

Section 11 Toxicological Information

> Acute Toxicity

LD50 Oral - Rat - male and female - > 5000 mg/kg
(OECD Test Guideline 401)
LC50 Inhalation - Rat - male and female - 4 h - > 1800 mg/l
(OECD Test Guideline 403)
Remarks: No data available
LD50 Dermal - Rat - male and female - > 2000 mg/kg

(OECD Test Guideline 402)

> **Skin Corrosion/Irritation**

Skin - Rabbit
Result: No skin irritation
(OECD Test Guideline 404)

> **Serious Eye Damage/Irritation**

Eyes - Rabbit
Result: No eye irritation
(OECD Test Guideline 405)

> **Respiratory Sensitization**

in vivo assay - Guinea pig
Did not cause sensitisation on laboratory animals.
(OECD Test Guideline 406)

> **Germ Cell Mutagenicity**

No data available
Ames test
S. typhimurium
Result: negative
Mutagenicity (micronucleus test)
Hamster - male and female
Result: negative

> **Carcinogenicity**

ID	CAS No.	Component	IARC	NTP
1	2082-79-3	Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate	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**

Repeated dose toxicity - Rat - male and female - Oral - No observed adverse effect level ->= 1.000 mg/kg
No adverse effect has been observed in chronic toxicity tests.
RTECS: Not available

Section 12 Ecological Information

> Toxicity

Toxicity to fish

static test LC50 - Lepomis macrochirus (Bluegill) - > 100 mg/l - 96 h
(OECD Test Guideline 203)

Toxicity to algae

static test EC50 - Desmodesmus subspicatus (green algae) - > 30 mg/l - 72h

> Others

Persistence and No information available

Degradability

Bioaccumulative No information available

potential

Mobility in soil No information available

Results of PBT and The product does not contain a substance fulfilling the PBT
vPvB assessment (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very
bioaccumulative) criteria.

Additional information No information available

Section 13 Disposal Considerations

Waste Chemicals Must be disposed of or incinerated in accordance with local regulations.

Contaminated
Packaging Dispose of as unused product.

Section 14 Transport Information

Transporting Label Not applicable

UN Number ADR/RID:- IMDG:- IATA/ICAO:-

UN Proper Shipping
Name Not classified as a dangerous good under transport regulations

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
Antioxidant 1076	✓	✓	✓	✓	✓	✓	✓	✓	✓

【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

“x” 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.