

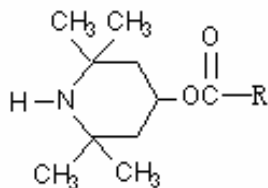
Material Safety Data Sheet

According to GB16483-2000 General rules for preparation of chemical safety data sheet

Light Stabilizer UV-3853

1. Identification of Product and Company

Chinese Name 光稳定剂 UV-3853
English Name Light Stabilizer UV-3853



Molecular Formula $R=C_{16}-C_{18}$

Producer Yantai Lante New-material Technology CO., LTD..
No.12 Chunhui Rd Laishan District, Yantai, China
Phone Number 0086-535-6250028
Fax 0086-535-6250052

2. Composition / Information on Ingredients

Product name CAS
Light Stabilizer UV-3853 167078-06-0

3. Hazards Identification

Emergency overview

Appearance White to off-white waxy solid
Odor Odorless
Path of invasion Inhalation , ingestion and skin contact

Hazards of environment

May cause long-term adverse effects in the aquatic environment.

4. First Aid Measures

Skin contact

Wash off with soap and plenty of water. Do not use organic solvents..

Eye contact

Rinse immediately with plenty of water for at least 15 minutes. In case of eye irritation, seek medical attention.

Inhalation

Remove to fresh air. In case of irritation of respiratory system or mucous membranes, seek medical attention. In case of indisposition, seek medical attention. In case of prolonged exposure, seek medical attention.

Material Safety Data Sheet

According to GB16483-2000 General rules for preparation of chemical safety data sheet

Ingestion

Immediately give plenty (> 500ml) of water (if possible charcoal slurry). In case of spontaneous vomiting be sure that vomitus can freely drain due of danger of suffocation. Give water repeatedly. Artificial induction of vomiting should be restricted to first aid staff. Give nothing by mouth in case of unconsciousness or convulsion. Seek medical advice.

5. Fire-Fighting Measures

Suitable extinguishing media

Water spray, Carbon dioxide (CO₂), Foam, Dry chemical powder. Water stream may be ineffective

Notices and measures

- Contaminated water from fine hoses or sprinklers etc, must be prevented from draining into watercourses, sewers, or the ground water. Sufficient measures must be taken to retain water used for extinguishing. Contaminated water and soil must be disposed of in conformity with local regulations.
 - Special protective equipment for firefighters: Wear full protective clothing. Wear self-contained breathing apparatus.
 - Extinguishing media which must not be used for safety reasons is high volume water jet.
-

6. Accidental Release Measures

Accidental measures

Shut off all sources of ignition.

Personal precautions: Do not breathe vapours/ dust. Avoid contact with skin, eyes and clothing.

Environmental precautions: Do not flush into surface water, sanitary sewer or ground water system.

Methods for cleaning up

Use mechanical handling equipment. Collect the spilled product into suitable containers, which must be tightly sealed and properly labelled.

Avoid dust formation

7. Operational Handling and Storage

Operation Handling

Handle and open container with care. Avoid dust formation and ignition sources.

Ensure good local exhaust ventilation. Do not eat, drink or smoke at the workplace.

Storage

Keep away from food and drink. Store in the original container securely closed. Keep in cool, dry place. Close containers immediately after use. Avoid creating dusty conditions. Empty only into earthed containers. If container is larger than 2000 liter in volume, or when flammable solvents are present inert container or use a system otherwise designed to prevent

Material Safety Data Sheet

According to GB16483-2000 General rules for preparation of chemical safety data sheet

or contain an explosion-seek expert advice.

8. Exposure Controls / Personal Protection

Exposure limit(s)

No limit of china

Engineering measure

Engineering controls are not usually necessary if good hygiene practices are followed

Monitoring methods

Exposure limit(s) should be monitored using suitable analytical equipments.

Respiratory protection

Effective dust mask

Eye protection

Suitable goggles or face protection

Body protection

Working clothes, Closed footwear

Hand protection

Protective gloves

9. Physical and Chemical Properties

Appearance White to off-white waxy solid

Melting Range $^{\circ}\text{C}$ ≥ 28

Purity% 95.0

Volatility% ≤ 0.3

Ash% ≤ 0.5

Saponification Value (mgKOH/g): 128-137

Transmittance 【10%Solution in Toluene】 % 425nm ≥ 90.0 450nm ≥ 92.0 5nm ≥ 95.0

10. Stability and Reactivity

Decomposition temperature $>350^{\circ}\text{C}$

Flash Point: $>140^{\circ}\text{C}$

Conditions to avoid Static discharges

Material Safety Data Sheet

According to GB16483-2000 General rules for preparation of chemical safety data sheet

Materials to avoid	Strong acids, strong bases and strong oxidizing agents
Decomposition products	Oxides of carbon, oxides of nitrogen (NO _x), Toxic gases/ vapors.

11. Toxicological Information

Acute oral toxicity (rat)	LD ₅₀ >10 g/ kg
Acute dermal (rat)	LD ₅₀ >10 g/ kg
Acute eye irritation/corrosion Rabbit	not irritant
Acute skin sensitisation Guinea pig	not sensitizing

12. Ecological Information

Acute toxicity to fish	Not available
Zebra fish (Brachydanio rerio) 96 h	
Acute toxicity to daphnia	EC ₅₀ 17 mg/l
Daphnia magna 24 h	
Acute toxicity to bacteria	IC ₅₀ >100 mg/l
Sewage sludge 3 h	
Acute toxicity to algae	EC ₅₀ 2.9 mg/l
Scenedesmus sp. 72 h	
Biodegradability	Not readily biodegradable

Ecotoxic effects

Do not discharge product uncontrolled into the environment.

13. Disposal Considerations

Measures of waste disposal

Residual chemical should be disposed by incineration or by other modes of disposal in compliance with local legislation.

Notice of waste disposal

Contaminated packaging material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

14. Transport Information

Material Safety Data Sheet

According to GB16483-2000 General rules for preparation of chemical safety data sheet

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

Packing Marking: Free

Transport Notice: moisture prevention, rain prevention

15. Regulatory Information

European/International

Regulations:	-
European Labeling in Accordance with EC Directives	

Hazard Symbols:	Not available
R-Phrases:	Not available
S-Phrases:	Not available
WGK(Water Danger/Protection):	-
US Federal TSCA:	-

16. Other Information

The above information is believed to be accurate but does not suppose to be all inclusive and shall be used only as a guide. Reagent World makes no warranty of merchantability or any other warranty, express or implied, with respect to such information. Users should make their own investigations to determine the accountability of the information for their purposes in particular. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

Issued Date: Jan 1, 2019.

Department: Quality Department

Assessor : General manager