



# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY NAME

**Product name:** SUNSORB 5411

**Use:** Stabilizer

**Manufacturer/Supplier:** Sin Hun Chemical Co., Ltd.  
No.2, 24th Rd., Taichung Industrial Park, Taichung City,  
Taiwan, R.O.C.

**Emergency Phone:** 886-4-2359-2565

**Fax:** 886-4-2359-2232

## 2. HAZARDS IDENTIFICATION

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

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

**Chemical name:** 2-(2'-hydroxy-5'-t-octylphenyl)benzotriazole

**CAS NO:** 3147-75-9

**Synonym:** Tinuvin 329, Cyasorb 5411

## 4. FIRST AID MEASURES

**Inhalation:** Material is not expected to be harmful if inhaled. Remove to fresh air.

**Skin contact:** Wash immediately with plenty of water and soap. Remove contaminated clothing and shoes without delay. Obtain medical attention. Do not reuse contaminated clothing without laundering. Destroy or thoroughly clean shoes before reuse.

**Eye contact:** Rinse immediately with plenty of water for at least 15 minutes.

**Ingestion:** If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING AND MEASURES

**Flash point:** > 150°C DIN 51584

**Flammable limits:** Not applicable.

**Decomposition temp:** > 300°C

**Extinguishing media:** Water mist, carbon dioxide, foam, dry powder.

**Protective equipment for firefighters:** Use full protective clothing for chemicals and a self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment, including appropriate respirator protective to ventilate contaminated area. Contain spill if possible.



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Wipe up or absorb on suitable material and shovel up. Prevent entry into sewers and waterways. Avoid contact with skin, eyes or clothing.

## 7. HANDLING AND STORAGE

**Handling precautions:** In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Avoid continuous or repetitive breathing of dust.

**Shipping and storing preceautions:** Keep container tightly closed when not in use and during transport.

## 8. EXPOSURE CONTROLS AND PROTECTION

**Technical protective measures:** No special measure required.

**Exposure control limits:** None.

**Respiratory protection:** Wear suitable particular filter mask when exposed to dust.

**Hand protection:** Wear suitable gloves.

**Eye protection:** Wear suitable goggles or face protection.

**Skin protection:** Wear overall and closed fitwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White to light yellow powder.

**Melting point:** 103~107°C

**Boiling point:** Not available.

**Odour:** None.

**Flash point:** > 150°C

**Solubility in water:** Insoluble.

**Ignition:** 330°C BAM

**Vapor pressure:** Does not apply.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable.

**Conditions to avoid:** Exposed to air and sunlight will be prohibited.

**Materials to avoid:** Strong oxidizing agents, strong bases and strong acids.

**Hazardous decomposition products:** Thermal decomposition and burning will produce toxic fume, carbon and carbon dioxide.



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## 11. TOXICOLOGICAL INFORMATION

**LD50 acute oral toxicity in rats:** > 5000mg/kg

**Skin irritation tested on rabbits:** Non-irritant.

**Eye irritation tested on rabbits:** Non-irritant.

**Skin sensitization on guinea pigs:** Negative.

## 12. ECOLOGICAL INFORMATION

Not available.

## 13. DISPOSAL CONSIDERATIONS

Incineration or landfill in accordance with local regulation.

Contaminated packaging material should be disposed of identically to the product itself.

Non contaminated packaging material should be treated as household waste or as recycling material.

## 14. TRANSPORT INFORMATION

**RID/ADR:** Free.

**IATA:** Free.

**IMDG-code:** Free.

**Flash point:** > 150°C DIN 51584

## 15. REGULATORY INFORMATION

Data not yet available.

## 16. OTHER INFORMATION

**Shelf life:** 3 years minimum in sealed containers protect from light and air.

**Suggested uses:** A light stabilizer for UV systems.

The information and recommendations contained herein are based upon data believe to be correct. However, no guaranty or warranty of any kind expressed or implied is made with respect to the information contained here.