

Prepared: March, 2008

Trade Name:

Chemical Name:

CAS Number:

TCSA Status:

**I. PRODUCT INFORMATION**

**UV Light Stabilizer #D-1285**

2-(2-Hydroxy-3, 5-di-tert-amylphenyl) benzotriazole

#25973-55-1

On inventory

**II. HAZARDOUS INGREDIENTS**

Components:

None as defined by OSHA 29 CFR 1910.1200 and as defined by New Jersey Right To Know Law.

**III. PHYSICAL DATA**

Appearance:

Powder

Color:

Slightly yellow

Odor:

Odorless

Solubility in water:

Insoluble

Bulk density:

No data

Vapor density:

4.7 x 10<sup>(-6)</sup> mmHg at 20 degrees C

Specific gravity:

Approx. 1.17

Ignition:

390 degrees C BAM

Freezing/Melting Point:

80-88 degrees C

Decomposition Temperature:

> 220 degrees C

Boiling Point:

> 200 degrees C

pH:

5.8 (suspension 1% in water)

**IV. FIRE AND EXPLOSION DATA**

Flash Point (Method Used):

229 degrees C (Marccusson open pan)

Extinguishing Media:

Carbon dioxide, dry chemical, foam, water mist.

Special Firefighting

Procedures:

The product can form an explosive dust/air mixture. Avoid dust formation and control ignition sources. Employ grounding, venting and explosion relief provisions in accord with accepted engineering practices in process operations capable of generating dust and/or static electricity. Use self-contained breathing apparatus.

**V. HEALTH EFFECTS DATA**

Effects of Overexposure:

Repeated or prolonged swallowing may cause liver damage or blood effects, based on animal studies. Such effects could be seen as liver enzyme changes or anemia.

Emergency and First Aid Procedures

Eye Contact:

Flush eyes with plenty of water for several minutes. Get medical attention if irritation occurs.

Skin Contact:

Wipe away excess material with a dry towel. Then wash affected areas with plenty of water and soap, if available, for several minutes. Get medical attention if irritation occurs.

Inhalation:

Remove victim to fresh air. Get medical attention if respiratory irritation develops, or if breathing becomes difficult.

Ingestion: Give at least 3-4 glasses of water, but do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person.

Note to physician: May aggravate pre-existing liver disease or jaundice.

#### **VI. REACTIVITY DATA**

Stability: Stable

Polymerization: Will not occur.

Incompatibility with Other Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition and burning may produce carbon monoxide, carbon dioxide, nitrogen oxides, and other toxic compounds.

#### **VII. SPILL OR LEAK PROCEDURES**

Steps to be taken in case material is released or spilled:  
Pre-wet material with water to avoid dust formation. Sweep or vacuum and place into seal able container for disposal. Wear protective equipment.

Handling & Storage:  
Do not swallow. Do not inhale dust. Use only with adequate ventilation. For industrial use only. Wash thoroughly after handling and before eating, drinking, or using tobacco products. Keep containers tightly closed when not in use and during transport.

Disposal: Incinerate in a chemical incinerator equipped with an after-burner and scrubber. Follow all federal, state, and local regulations.

Transport Information: This product is not regulated by any means of transport.

#### **VIII. SPECIAL PROTECTION INFORMATION**

Eye Protection: Protective goggles

Skin Protection: Impervious gloves

Respiratory Protection: NIOSH-approved respirator for dust if TLV is exceeded

Body Protection: Coveralls

Ventilation: Local exhaust -- sufficient exhaust to avoid dust.

#### **IX. SPECIAL PRECAUTION**

Storage Temperature: Ambient

Precautions to be taken in handling & storing:  
Keep product containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Keep product containers closed when not in use. Avoid prolonged contact with skin, eyes, and breathing vapor. Do not store in areas of excess water vapors, contaminating vapors or gases. Do not store near oxidizers or combustible material.

WORK/HYGENIC PRACTICES:  
Wear protective clothing while handling. Wash off all accidental contamination.  
Keep drum closed when not in use.

#### **DISCLAIMER**

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