



GlobalVillage Sourcing, P. O. Box 600, Round Rock, TX 78680-0699

MATERIAL SAFETY DATA SHEET

Globasol™ UVP 5

Revision Date: 06/25/09

1. Identification of the Substance

Chemical Name: 2-(2'-hydroxy-3',5'-di-t-amylphenyl) benzotriazole

CAS Number 25973-55-1

2. Composition

TRADE NAME :	Globasol™ UVP 5		
CAS NO :	25973-55-1		
SYNONYMS:	TINUVIN 328 (CIBA PRODUCT)		
HAZARD COMPONENT :	MAIN COMPONENT		
MOLECULAR WEIGHT:	351.5	MOLECULAR FORMULA	C ₂₂ H ₂₉ N ₃ O

3. Hazards Identification

No special hazards

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

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

Ingestion

Immediately give plenty (>2000ml) of water (if possible charcoal slurry). In case of spontaneous vomiting make sure that vomits can freely drain due of danger suffocation. Give water repeatedly. Artificial induction of vomiting should be restricted to first aid staff. Seek medical advice.

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5.Fire-Fighting Measures

Suitable extinguishing media

Water spray, Carbon dioxide (CO₂), Foam, Dry powder.

Extinguishing media which must not be used for safety reasons

High volume water jet.

Exposure hazards

Contaminated water from fire 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.

Hazardous decomposition products

Oxides of carbon, phosphorus, nitrogen (NO_x) and toxic gases/vapors

6.Accidental Release Measures

Personal precautions

Do not breathe vapors/dust. Remove all sources of ignition. 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 spilled product into suitable containers which must be tightly sealed and properly labeled. Avoid dust formation.

7.Handling and Storage

Handling

Avoid dust formation and ignition sources. Ensure good local exhaust ventilation. Do not eat, drink or smoke at the workplace. Danger! Explosion risk. Risk of explosion if an air-dust mixture forms. Avoid creation of dusty conditions. Empty only into earthed container or use a system otherwise designed to prevent or contain an explosion-see expert advice.

SHELF LIFE: 2 years minimum in sealed containers protected from light and air.



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8.Exposure Controls/ Personal Protection

Exposure limit(s)	Value not tested
Technical measures/ Precautions	No special precautions required.
Respiratory protection	Effective dust mask.
Hand protection	Protective gloves.
Eye protection	Suitable goggles or face protection.
Skin and body protection	Working clothes, closed footwear.

9.Physical and Chemical Properties

Form	Powder
Color	SLIGHT YELLOW
Odor	FAINT
Boiling/ temperature	>300°C
Density	1.17@25°C
Flash point	>230°C,(Marcusson)
Melting point	78-82°C
Ignition Temperature	not tested
Oxidizing properties	not tested
Self-ignition temperature	not tested
Water solubility	<0.01wt% in water @ 20°C
Vapor pressure	<0.00001mmHg (20°C)
Partition coefficient; Log Pow	Not tested
PH-value	Not tested
Explosive properties	Not tested



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10. Stability and Reactivity

Decomposition temperature	>350 °C
Condition to avoid	Static discharges.
Materials to avoid	Strong acids, bases and oxidizing agents.
Hazardous decomposition products	Oxides of carbon, phosphorus, nitrogen (NOx) and toxic gases/vapors.

11. Toxicological Information

Acute oral toxicity (Rat)	LD50 >7500mg/kg	EED 88/379 Conventional method
Acute dermal	not irritant	EED 88/379
Irritation/corrosion (Rabbit)		Conventional method
Acute eye irritation/corrosion	not irritant	EED 88/379
Rabbit		Conventional method

12. Ecological information

Ecotoxic effects-BOD

MODIFIED STURM TEST:

Not biodegradable, 2-10% in 28days.

FISH TOXITY:

ZEBRA FISH, LC50 96H:

> 100ppm

Do not discharge product unmonitored into the environment.

13. Disposal Considerations

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

Contaminated packaging

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

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14. TRANSPORTATION INFORMATION

DOT proper shipping name:

Not regulated as a hazardous material by the U.S. Dept. of Transportation (DOT 49 CFR)

172.101 HAZARDOUS MATERIAL TABLE.

LAND TRANSPORT ADR/RID: No classification assigned.

AIR TRANSPORT IATA/ICAO: NO classification assigned.

MARITIME TRANSPORT TMDG: No classification assigned.

15. REGULATORY INFORMATION

EPA TSCA section 8(b) chemical inventory.

RCRA status: NOT a hazardous waste under RCRA(40 CFR 261)

CERCLA status : NOT A HAZARDOUS waste under RCRA(40 CFR 261)

EC RISK AND R22 Harmful if swallowed.

SAFETY S2 Keep out of reach of children.

PHRASES: S13 Keep away from food, drink and animal feeding stuffs.

S24 Avoid contact with skin.

S36 Wear suitable protective clothing.

S46 If swallowed, seek medical advice immediately and show this container or label.

16. OTHERS

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