



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

## MATERIAL SAFETY DATA SHEET

**GLOBAL SOL™ SLP1**

**Revised 6/25/09**

### 1. Identification of the Substance

Chemical Family DECANEDIOIC ACID, BIS(2,2,6,6,-TETRAMETHYL-4-PIPERIDINYL)-ESTER

CAS Number 52829-07-9

### 2. Composition

CHEMICAL NAME : BIS(2,2,6,6,-TETRAMETHYL-4-PIPERIDINYL)SEBACATE

CAS NO : 52829-07-9 MOLECULAR FORMULA  $C_{28}H_{32}N_2O_4$

HAZARD COMPONENT : MAIN COMPONENT MOLECULAR WEIGHT: 481

### 3. Hazards identification

Classified as hazardous according to the EU directives.

Irritant.

Dangerous for the environment.

Irritating to eyes.

Toxic to aquatic organisms, 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

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

#### Ingestion

Immediately give plenty (>500ml) of water (if possible charcoal slurry). In case of spontaneous vomiting make sure



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that vomits can freely drain due to danger of 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 (CO<sub>2</sub>), 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.

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### **Special protective equipment for firefighters**

Wear full protective clothing. Wear self-contained breathing apparatus.

### **Hazardous decomposition products**

Oxides of carbon, nitrogen (NO<sub>x</sub>) and toxic gases/vapors

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## **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.

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## **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 dusty conditions. Empty only into earthed container or use a system otherwise designed to prevent or contain an explosion-seek expert advice.

Shelf life: 1year. Store in the original container securely closed. Keep away from heat and light.

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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.

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#### 9.Physical and Chemical Properties

Form	Powder or granule
Color	White to off white
Odor	Odorless
Melting/freezing temperature	81-85 °C
Density	1.05 (Solid)
Flash point	>150°C, DIN 51584 (closed cup)
Ignition Temperature	330°C BAM
Oxidizing properties	Not tested
Self-ignition temperature	Not tested
Water solubility	0.1wt% in water @ 20°C

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Vapor pressure	<0.01mmHg (20°C )
Partition coefficient; Log Pow	Not tested
PH-value	Not tested
Explosive properties	Not tested



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## 10. Stability and Reactivity

<b>Decomposition temperature</b>	Not tested.
<b>Condition to avoid</b>	Static discharges.
<b>Materials to avoid</b>	Strong acids, strong bases and strong oxidizing agents.
<b>Hazardous decomposition products</b>	Oxides of carbon, phosphorus, nitrogen (NOx) and toxic gases/vapors.

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## 11. Toxicological Information

<b>Acute oral toxicity (Rat)</b>	LD50 >2000mg/kg	OECD423/EEC B1
<b>Acute dermal</b>	>2000mg/kg	OECD 402/EEC B3
<b>Irritation/corrosion</b>		
Rabbit		
<b>Acute eye irritation/corrosion</b>	irritant	OECD 405/EEC B5
Rabbit		
<b>Acute skin sensitization</b>	Not sensitizing	OECD 406/EEC B6

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## 12. Ecological Information

### Ecotoxic effects

Do not discharge product unmonitored into the environment.

Information on classification

This preparation is classified relating to its environmental hazards applying the environmental method described in EU Directive 1999/45/EC, Annex III.

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## 13. Disposal Considerations

### Waste from residues/unused products

Residual chemical should 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

NO classification assigned.

LAND TRANSPORT ADR/RID: Class: 9.

UN NO.:3077

Packing group III

Proper shipping name: Environmentally hazardous substance.

Solid, N.O.S.

AIR TRANSPORT IATA/ICAO: The same as ADR/RID

IMO: The same as ADR/RID.

#### 15. REGULATORY INFORMATION

Inventory:

Australia AICS

Canada DSL

China IECSC

Europe EINECS

Japan ENCS

Korea ECL

USA TSCA

#### 16. OTHERS

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