

# SAFETY DATA SHEET

according to Regulation (EC) No.1907/2006

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## Material Safety Data Sheet

### Distearyl Phthalic Acid Amide msds

#### Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

##### Identification of the substance or preparation

<b>INCI Name</b>	:	Distearyl Phthalic Acid Amide
<b>Brand</b>	:	MC SAB-2
<b>Product Number</b>	:	C12002S
<b>CAS#</b>	:	87787-81-3
<b>ELINCS #</b>	:	413-800-3
<b>Use of the substance/preparation</b>	:	Plant derived Emulsifying Agent (O/W), Opacifier, Pigment Wetter & Dispersant

##### Company/undertaking identification

###### **M.C.Biotec Inc.**

No.40 Ma Jia Street, Nanjing 210009, China

Tel: 0086-25-86620042 Fax: 0086-86624072

Email: [mc@mcbiotec.com](mailto:mc@mcbiotec.com) Website: [www.mcbiotec.com](http://www.mcbiotec.com)

#### Section 2: Hazards Identification

This substance is not classified as dangerous the Approved Criteria for Classifying Hazardous Substances (NOHSC 1999).

##### **Emergency Overview**

Waxy flake, pale yellow color. at 25 C.

May cause mild eye irritation. May cause mild skin irritation.

##### **Health Effects: Eyes**

May cause mild irritation to eyes.

##### **Health Effects: Skin**

Not expected to be a primary skin irritant. Prolonged or excessive skin contact with this product may cause mild skin irritation. This product is NOT considered a dermal sensitizing agent.

##### **Health Effects: Inhalation**

Inhalation of dusts may cause respiratory irritation.

##### **Health Effects: Ingestion**

Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and

diarrhea.

**Health Assessment**

Under the conditions of the occupational settings described, the risk to workers is considered to be acceptable.  
 When used in the proposed manner the risk to the public is considered to be acceptable.

**Environmental Assessment**

Distearyl phthalic acid is not considered to pose a risk to the environment when it is stored, transported and used as proposed.

**HMIS RATING**

HEALTH: 1  
 FLAMMABILITY: 1  
 REACTIVITY: 0

**Section 3: Composition and Information on Ingredients**

**Chemical Name** : Benzoic acid, 2-[(dioctadecylamino)carbonyl]  
**Synonyms** : 2-[(dioctadecylamino)carbonyl]benzoic acid,  
 Distearyl phthalamic acid  
**Formula** : C44H79NO3

INCI Name	CAS No.	EC No.	Classification	% by weight
Distearyl Phthalic Acid Amide	87787-81-3	413-800-3	---	95-100%

**Hazardous Ingredients:** none

**Materials with prescribed limits of the EC:** none

**Section 4: First Aid Measures**

**If inhaled** : If breathed in, move person into fresh air. If not breathing give artificial respiration  
**In case of skin contact** : Wash off with soap and plenty of water.  
**In case of eye contact** : Flush eyes with water as a precaution.  
**If swallowed** : Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Section 5: Fire Fighting Measures**

**Flash Point** (> 93.9 °C), > 201 F Seta  
**OSHA Flammability** Combustible IIIB  
**Classification**

**Extinguishing Media**

Dry chemical, foam, carbon dioxide, water fog.

**Fire Fighting Equipment / Instructions**

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

### **Section 6: Accidental Release Measures**

#### **SPILL AND LEAK PROCEDURES**

##### **Emergency Action:**

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Do not touch or walk through spilled material. Stop leak if you can do it without risk. Wear appropriate personal protective equipment during cleanup. Cover with plastic sheet to prevent spreading. With clean shovel place material into clean, dry container; move containers from spill area. Prevent entry into waterways, sewers, basements or confined areas.

Surfaces may become slippery after spillage.

### **Section 7: Handling and Storage**

#### **Handling Procedures**

Avoid breathing dusts from this material. Avoid contact with skin and eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

#### **Storage Procedures**

Avoid dispersion of dust in air. Prevent electrostatic charge buildup by using common bonding and grounding techniques. Keep the container tightly closed and in a cool, well-ventilated place.

### **Section 8: Exposure Controls/Personal Protection**

#### **Engineering Controls**

Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product. Use explosion-proof equipment if high dust/air concentrations are possible.

#### **Personal Protective Equipment: Eyes/Face**

Wear dust goggles.

#### **Personal Protective Equipment: Skin**

Wear suitable protective clothing. Use impervious gloves.

#### **Personal Protective Equipment: Respiratory**

If vapors are present or irritation is experienced, NIOSH approved respiratory protection for ammoniacal vapors should be worn.

#### **Personal Protective Equipment: General**

Eye wash fountain and emergency showers are recommended.

### **Section 9: Physical and Chemical Properties**

#### **Appearance**

<b>Physical State</b>	Waxy flake	
<b>Color</b>	Pale yellow	
<b>Smell</b>	Slight	
<b>Property</b>	Value	At Temperature or Pressure
<b>Formula</b>	C44H79NO3	
<b>BP/BP Range</b>	(150°C), 302°F	
<b>MP/MP Range</b>	(50°C), 122 °F	
<b>Freezing Point</b>	N/A	
<b>Vapor Pressure</b>	Not determined or unknown	
<b>Vapor Density</b>	N/A	
<b>Evaporation Rate</b>	Estimated slower than ethyl ether	
<b>Flash Point</b>	(>93.9 °C), >201 F Seta	
<b>Solubility</b>	<b>Insoluble</b> in water <b>Soluble in:</b> Isopropyl Myristate Isopropyl Palmitate Mineral Oil	
N/A = not available		
<b>Section 10: Stability and Reactivity</b>		
<b>Stability</b>		
Chemical Stability: stable under recommended storage conditions		
Materials to Avoid: Strong oxidizing agents, alkalies		
<b>Hazardous Decomposition Products</b>		
Hazardous decomposition products formed under fire conditions. – oxides of nitrogen and ammonia.		
<b>Hazardous Polymerization</b>		
Will not occur		
<b>Section 11: Toxicological Information</b>		
<b>LD50 Value</b>		
Oral LD50 (rat) = >5000 - 15,000 mg/kg		
Dermal LD50 (rabbit) = >2,000 < or equal to 20,000 mg/kg		

**Carcinogenicity**

Not listed as carcinogenic according to IARC, NTP or OSHA.

**Mutagenicity**

Testing has shown this product to be non-mutagenic (Ames test).

**Other Toxicological Information**

Practically non-toxic orally.

Skin irritation: very slight

Eye Irritation: slight to moderate

Skin sensitivity: none

**Section 12: Ecological Information**

Species	Test	Nominal Concentrations (mg/L)	Result (mg/L)
Carp (Cyprinus carpio)	96 hr semi-static	1000	LC50 > 1000 NOEC = 1000
Water Flea (Daphnia sp.)	48 h acute immobilisation	100, 180, 320, 560 and 1000	LC50 > 1000 NOEC = 1000

\* NOEC - no observable effect concentration

**Section 13: Disposal Considerations**
**Product**

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

**Section 14: Transport Information**
**General**

Not a hazardous material

**DOT**

Proper Shipping Name: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

**IATA**

Non-Hazardous for Air Transport: Non-hazardous for air transport.

**ADR/RID**

Not dangerous goods

**IMDG**

Not dangerous goods

#### **Section 15: Regulatory Information**

This product is listed on the following inventories: USA (TSCA), Australia (AICS), Europe (ELINCS).

**SARA listed: no**

**California Proposition 65:** not listed

#### **EU-Labeling Name**

Not listed. (The product does not need to be labeled in accordance with EC Directive 67/548/EEC or Directive 1999/45/EC or respective national laws)

#### **Section 16: Other Information**

#### **Further information**

*The information above is based on our present knowledge. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. Users should make their own investigations to determine the suitability of the information for their particular purposes.*

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