

MATERIAL SAFETY DATE SHEET (MSDS)

DIBUTYL SEBACATE

1.Chemical Product and Company Identification

Product Name : Dibutyl Sebacate (DBS)

Manufacturer : Qingdao YLSCH Industry&Trade Co.,Ltd.
ADD : Room 501,2-3 Unit No.8,Zhengzhou
Road,Qingdao,China
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2.Composition/Information on Ingredients

Ingredient	CAS NO	Chemicalname	Concentration(%)
Dibutyl Sebacate	109-43-3	Decanedioicacid,dibutylester	99

3.Hazards Identification

Classification:Not classified as hazardous
Hazard symbol:none required
Risk Phrases:Not applicable
Special Hazard:None

Label elements

The product does not need to be labelled in accordance with GB30000-2013, EC directives or respective national laws.

EMERGENCY OVERVIEW

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

4.First Aid Measures

Eye Contact : If in eyes, hold eye open, flood with water for at least 15 minutes. Seek



medical attention.

Skin Contact : If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available .If irritation persists, seek medical attention

Inhaled : Remove victim from exposure if safe to do so .If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

Ingestion: If swallowing,do not induce vomlting.Get prompt medial attention

5.Fire Fighting Measures

Flash Point : 353°F(178°C)

Method : COC

Auto-ignition Temperature: 390°F(365°C)

Flammable(Explosive)Limits: **Upper:** Not available **Lower:** Not available

Hazards form combustion products : As with other organic materials,combustion will produce carbon monoxide and carbon dioxide.

Appropriate Extinguishing Media: Foam dry chemical carbon dioxide water spray

Basic Fire Fighting Guidance : Wear self-contained breathing apparatus abd protecyive clothing.Normal firefighting procedures may be used

6.Accidental Release Measures

Containment Techniques and Clean-up Procedures: Isolate hazard area.Keep unnecessary and unprotected personnel from qntering.Remove all ignition sources.Ventilate the area of spill or leak.Wear protective Equipment during clean-up.For smaill spills,uessuitable absorbent material and clooect for later disposal.For large spills, the area may require diking to contain the spill.Material can then be collected for later disposal.After collection of material,flush area with water.Dispose of the material in accordance with standarf practice for disposal of potentially hazardous materials as required by applicable federal,state or local laws .

Evacuation Procedures: Isolate the hazard area and deny entry to unnecessary and unprotected personnel

Special Instruction: Remove all contaminated clothing to prevent further absorption.Decontaminate affected personnel using the first acid procedures in section4.Leather shoes that have been saturated must be discarded .

7.Handling and Storage

Storage : This product should be stored at ambient temperature in a dry,well



ventilated location.

Practices to Minimize Risk: Wear appropriate protective equipment when performing maintenance on contaminated equipment. Wash hands thoroughly before eating or smoking after handling this material .

Special Handling Equipment: Not applicable

Dangerous Incompatibility Reactions: Oxidizing materials

8.Exposure Controls/Personal Protection

Ventilation: All operations should be conducted in well-ventilated conditions. Local exhaust ventilation **should be provided.**

Other Engineering Controls: All appropriate engineering controls should be used to minimize exposure potential. Use exhaust ventilation to keep airborne concentrations below exposure limits.

9.Physical Chemical Characteristics

Appearance ,State&Oder:	Clear,oily liquid		
(ambient temperature)			
Molecular Formula:	C ₁₈ H ₃₄ O ₄	Molecular Weight:	314.47
Vapor pressure:	0.0000047mm Hg@25°C	Evaporation Rate :	<1(Butyl Acetate=1)
Specific Gravity or Density:	0.936	Vapor density(air=1)	10.8
Boiling Point:	345°C	Freezing/Melting Point:	-10°F(-12°C)
Solubility in Water:	<0.1%	Octanol/Water Coefficient:	Not available
PH:	Not available	Odor Threshold:	N
Viscosity:	Not available	Autoignition Temperature:	690°F(365°C)
Flash Point and Method:	353°F(178°C)COC	Flammable Limits:	Not available

10.Stability and Reactivity

Chemical Stability : Stable under normal conditions of use.

Incompatible Materials : Oxidizing materials

Hazardous Decomposition Products: As with other organic materials,combustion will produce carbon monoxide and carbon dioxide.



Hazardous Polymerization : Will not occur

11.Toxicological Information

RTECS No.: CAS No. 109-43-3: VSII 50000

LD50/LC50: Oral,mouse:ld50=19500 mg/kg: Oral,rat:LD50=16G/KG

Not listed as a carcinogen by IARC,ACGIH,NTP OR OSHA

12.Ecological Information

Ecotoxicity : None known

13.Disposable Considerations

Classification of Waste as Manufactured: Wastes must be tested using methods if it meets applicable definition of hazardous wastes .

Waste Disposal: Dispose of this material in accordance with standard practice for disposal of potentially hazardous material as required by applicable national,state or local laws.

14.Transport Information

Non hazardous. Transport in accordance with local,state and federal regulations.

Land transport

ADR/RID: Not regulated

Inland waterway transport

AND: Not regulated

Sea transport IMDG:

Not regulated IMO: Not

regulated Air transport

IATA/ICAO : Not regulated

15.Regulatory Information

OSHA Hazards: Non hazardous

WHMIS Classification: Non hazardous



16.Other Information

These data are based on our present knowledge. However, they will not constitute a guarantee for any specific product features and will not establish a legal contractual relationship.

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