

# **MATERIAL SAFETY DATA SHEET**

Revision Date : 2017-01-01

1. IDENTIFICATION OF THE SUBSTANCE/TREPARATION AND THE COMPANY/UNDERTAKING

Product name:

Supplier:

Faropenem sodium hemipentahydrate

BINBO BIOLOGICAL CO.,LTD FENGCHENG ONE ROAD Xi'an China +86-13488214511

Tel:

#### 2.COMPOSITION/INFORMATION ON INGREDIENTS

Components	ACGIH Exposure Limits:	OSHA Exposure Limits:
Faropenem sodium hemipentahydrate	None	None

#### **3.HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW: May cause skin irritation and/or dermatitis

Principle routes of exposure:	Skin
Inhalation: May cause irritation of respira	
Ingestion:	May be harmful if swallowed
Skin contact:	May cause allergic skin reaction
Eye contact:	Avoid contact with eyes

Statements of hazard MAY CAUSE ALLERGIC SKIN REACTION.

**Statements of Spill of Leak Label** Eliminate all ignition sources. Absorb and/or contain spill with inert materials (e.g., sand, vermiculite). Then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Prevent runoff from entering waterways or sewers.

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#### 4. FIRST AID MEASURES

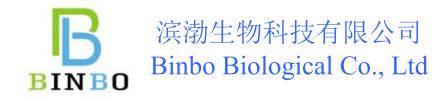
General advice:	In the case of accident or if you fell unwell, seek medical advice immediately (show the label where possible).
	Move to fresh air, call a physician immediately.
Inhalation:	Rinse immediately with plenty of water and seek medical
	advice
	Do not induce vomiting without medical advice.
Skin contact:	In the case of contact with eyes, rinse immediately with
Ingestion:	plenty of water and seek medical advice.
Eye contact:	No information available
Protection of first – aiders:	
Medical conditions aggravated by exposure:	None known

#### **5.FIRE-FIGHTING MEASURES**

Suitable extinguishing media: Specific hazards: Special protective equipment for firefighters:	Use dry chemical, CO2, water spray or "alcohol" foam Burning produces irritant fumes.
	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent)
Flash point:	and full protective gear
Autoignition temperature:	Not determined
NFPA rating	Not determined
NFPA Health: NFPA Flammability:	1 1
NFPA Reactivity:	0

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Environmental precautions: Methods for cleaning up: Use personal protective equipment. Prevent product from entering drains. Sweep up and shovel into suitable containers for disposal



#### 7. HANDLING AND STORAGE

Storage: Room temperature Handling:

Safe handling advice: Incompatible products: Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Oxidising and spontaneously flammable products

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Respiratory protection: Skin and body protection:

Eye protection: Hand protection: Hygiene measures: Ensure adequate ventilation. Breathing apparatus only if aerosol or dust is formed. Usual safety precautions while handling the product will provide adequate protection against this potential effect. Safety glasses with side-shields PVC or other plastic material gloves Handle in accordance with good industrial hygiene and safety practice.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

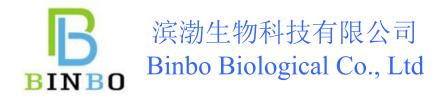
Melting point/range:
Boiling point/range:
Density:
Vapor pressure:
Evaporation rate:
Vapor density:
Solubility (in water):
Flash point:
Autoignition temperature:

No Data available at this time. No Data available at this time. No data available Not determined Not determined

#### **10. STABILITY AND REACTIVITY**

Stability: Stable under recommended storage conditions.

Polymerization: None under normal processing.



Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapours such as carbon oxides.

Materials to avoid: Strong oxidising agents.

Conditions to avoid: Exposure to air or moisture over prolonged periods.

#### **11. TOXICOLOGICAL INFORMATION**

## **Product information**

#### Acute toxicity

Components		RTECS Number:	Selected LD50s and LC50s	
Faropenem sodium		Not Available	Not Determined	
hemipentahydrate				

Chronic toxicity:	Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.
Local effects:	Symptoms of overexposure may be headache,
Specific effects:	dizziness, tiredness, nausea and vomiting. May include moderate to severe erythema (redness)
	and moderate edema (raised skin), nausea, vomiting,
	headache.
Primary irritation:	No data is available on the product itself.
Carcingenic effects:	No data is available on the product itself.
Mutagenic effects:	No data is available on the product itself.
Reproductive toxicity:	No data is available on the product itself.

#### **12. ECOLOGICAL INFORMATION**

Mobility:	No data available
Bioaccumulation:	No data available
Ecotoxicity effects:	No data available
Aquatic toxicity:	May cause long-term adverse effects in the aquatic
	environment.

Components

**Marine Pollutants** 

U.S. DOT -Appendix B - U.S. DOT -Appendix B - United Kingdom - The red Severe Marine Pollutants List:



Faropenem	Not Listed	Not Listed	Not Listed
sodium			
hemipentahydra			
te			

Components	Germany VCI (WGK)	World Health Organization (WHO) – Drinking Water	Ecotoxicity – Fish Species Data
Faropenem sodium hemipentahydra te	Not Listed	Not Listed	Not Listed

Components	Ecotoxicity	-	Freshwater	Ecotoxicity	-	Microtox	Ecotoxicity – Water Flea
	Algae Data			Data			Data
Faropenem	Not Listed			Not Listed			Not Listed
sodium							
hemipentahydra							
te							

Components	EPA – ATSDR Priority List	EPA – HPV Challenge	California – Priority Toxic
		Program Chemical List	Pollutants
Faropenem	Not Listed	Not Listed	Not Listed
sodium			
hemipentahydra			
te			

#### **13. DISPOSAL CONSIDERATIONS**

Waste from residues/unused products:	Waste disposal must be in accordance with			
	appropriate Federal, State and local regulations. This			
	product, if unaltered by use, may be disposed of			
	treatment at a permitted facility or as advised by your			
	local hazardous waste regulatory authority. Residue			
	from fires extinguished with this material may be			
	hazardous.			
Contaminated packaging:	Do not re-use empty containers.			

#### **14. TRANSPORT INFFORMATION**



UN/ld No:	Not regulated
DOT Proper shipping name:	Not Regulated
Proper snipping name.	Not Regulated
TGD(Canada)	
WHMIS hazard class:	Non - controlled
IMDG/IMO	
IMDG – Hazard Classifications	Not Applicable

Components	U.S. DOT – Appendix A Table 1 – Reportable Quantities
Faropenem	Not Listed
sodium	
hemipentahydra	
te	

Components	U.S. DOT –Appendix B – Marine Pollutants	U.S. DOT –Appendix B – Severe Marine
		Pollutants
Faropenem	Not Listed	Not Listed
sodium		
hemipentahydra		
te		

# IMO – labels:

#### **15. REGULATORY INFOTMATION**

#### International Inventories

Components	Inventory – United States TSCA – Sect.8(b)	Canada DSL Inventory List -
Faropenem	Not Listed	Not Listed
sodium		
hemipentahydra		
te		

#### U.S. regulations:



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Components	California proposition 65 -	Massachusetts Right to Know List:	New Jersey Right to Know List:	Pennsylvania Right to Know List:
Faropenem sodium hemipentahyd rate	NA	Not Listed	Not listed	Not listed

Components	Florida	substance	Rhode Island Right	Illinois – Toxic Air	Connecticut -
	List:		to Know List:	Contaminants	Hazardous Air
Faropenem sodium	Not Listed		Not Listed	Not listed	Not listed
hemipentahydra te					

Components	SSARA	313	CERCLA/SARA	-	NTP:	IARC:
	Emission		Section	302		
	reporting/Toxic		Extremely Haz			
	Release	of				
	Chemicals					
Faropenem			Not Listed		Not listed	Not listed
sodium						
hemipentahydra						
te						

#### **16. OTHER INFORMATION**

Prepared by: Health & Safety

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#### End of safety data sheet