

**SECTION I - MANUFACTURER INFORMATION**

<b>MANUFACTURER S NAME :</b> BIOTECNICA INTERNACIONAL S.A DE C.V	<b>EMERGENCY TELEPHONE :</b> 951 5 12 80 04	
<b>ADDRESS :</b> ARTICULO 123 No. 104 COL. HUERTOS Y GRANJAS DE BRENAMIEL, SAN JACINTO AMILPAS, OAX. OAXACA, MEXICO. C. P. 68285	<b>TECHNICAL TELEPHONE :</b> 951 512 62 55 / 951 512 8004	
	<b>DATE PREPARED :</b> 14/08/2008	<b>UPDATED :</b> 13/08/2014

**SECTION II - HAZARDOUS INGREDIENTS**

This product contains a mixture of bile salts (cholic acid, desoxicholic acid, ect)

**SECTION III - PHYSICAL AND CHEMICAL DATA**

<b>BOILING POINT :</b> Not applicable	<b>MELTING POINT :</b> Not applicable
<b>VAPOR PRESSURE (mm Hg) :</b> Not applicable	<b>EVAPORATION RATE (:) :</b> Not applicable
<b>VAPOR DENSITY (AIR = 1) :</b> Not applicable	<b>pH :</b> 6.0 - 8.5
<b>SOLUBILITY IN WATER :</b> 20 g/l	<b>EXPLOSIVE PROPIERTIES :</b> Not established
<b>SPECIFIC GRAVITY :</b> Not applicable	<b>LOST ON DRYING :</b> Maximum 6%
<b>APPEARANCE AND ODOR :</b> Yellowish-green powder, pungent odor. Very hygroscopic.	

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT (METHOD USED) :</b> Not applicable	<b>FLAMMABLE LIMITS:</b> Not applicable	<b>LEL :</b> Not applicable	<b>VEL :</b> Not applicable
<b>EXTINGUISHING MEDIAS :</b> Any media suitable for extinguishing support fire.			
<b>SPECIAL FIRE FIGHTING PROCEDURES :</b> Not determined			
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS :</b> Any organic powder can be potentially explosive if disbursed certain concentrations. Theses concentrations have not yet been determined for these procedures			

**SECTION V - REACTIVITY DATE**

Not determined

## SECTION VI - HEALTH HAZARD DATA

ROUTE (S) OF ENTERY: By inhalation	HEALTH HAZARDS: ACUTE: Inhalation may cause respiratory irritation. CHRONIC: Prolonged contact with dust might cause irritation to respiratory tract, allergic or asthmatic reaction.
CARCINOGENICITY: N.D. NTP: N.D. IARC MONOGRAPHS: N.D. OSHA REGULATED: N.D.	
SIGNS AND SYMPTOMS OF EXPOSURE: Medical conditions generally aggravated by exposure: Inhalation of dust might cause irritation to respiratory tract, allergic or asthmatic reaction.	EMERGENCY AND FIRST AID PROCEDURES : Inhalation: provide fresh air. In case of contact with skin or eyes, flush with water 2 or 3 minutes.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE OF RELEASED OR SPILLED :	Sweep or vacuum
WASTE DISPOSAL PROCEDURES :	Use regular or standard disposal systems
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING :	Keep in airtight containers in a clean dry place

## SECTION VIII - CONTROL MEASURING

RESPIRATORY PROTECTION :	Use mask approved by NIOSH/MSHA under normal product usage
PROTECTIVE GLOVES :	Rubber
EYE PROTECTION :	Chemical Safety glasses
SAFETY CLOTHING :	Use overalls resistant to chemical substances
WORK / HYGIENIC PRACTICES:	Wash thoroughly after handling, avoid inhalation
VENTILATION :	Mechanical: recommended

## SECTION IX - STORE CONDITIONS

Store in a cool and dry place
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## SECTION X - DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Mix the material with a combustible solvent, burn it in a chemical incinerator equipped with afterburner and scrubber. Check all local environmental regulations, estate and federal.
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## SECTION XI - ACCIDENTAL RELEASE MEASURES

Property precautions must be taken to minimize the direct contact with skin, eyes and respiratory tract	
CLEANING PROCEDURES :	Sweep the product and put it in a bag and handle as a SECCIÓN X. avoid that the dust increase , ventilate the area and wash the place of spill after to collect all the product. Also is recommended used a vacuum.

## SECTION XII - TRANSPORT INFORMATION

RID / AD :	Non-hazardous for road transportation
IMDG :	Non-hazardous for sea transportation
IATA :	Non-hazardous for air transportation

## SECTION XIII - TOXICOLOGICAL INFORMATION

SIGNS AND SYMPTOMS OF EXPOSURE :		May cause irritation to mucous membrane and upper respiratory tract. May Cause skin and eye irritation.
ROUTE OF EXPOSURE:	SKIN:	Yes
	ABSORPTION THROUGH THE SKIN:	Yes
	EYE:	May cause irritation
	INHALATION:	May be harmful if inhaled, the material may cause irritation to mucous membrane and upper respiratory tract. Prolonged exposure may cause allergic or asthmatic reaction
	INGESTION:	Yes

## SECTION XIV - ECOLOGICAL INFORMATION

No data available
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## SECTION XV - REGULATORY INFORMATION

Not dangerous according to 67 / 548 / EEC.
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## SECTION XVI - OTHER INFORMATION

The above information is correct, but it does not pretended to include all and should be used only as a guide. The information in this document is based in our current knowledge with regard to the product and applies to the product regarding property safety precautions. This does not represent any guarantee of the properties of the product.
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