

May be used to comply with OSHA'S Hazard Communication Standard

IDENTITY (As used on label and list)

400 MD

SECTION I

Manufacturer's Name

Biosolutions, LLC	Emergency Telephone Number
1835 Industrial Park Drive	616-844-6393
Grand Haven, MI	Information Number
49417	616-846-1210

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components - None	Specific Chemical Identity - N/A
Common Name	

CERTIFICATION

THIS IS TO CERTIFY THAT NONE OF THE TOXIC ORGANICS LISTED IN THE FEDERAL REGULATIONS TITLE 40, SECTIONS 413.2 THRU 414.14 ARE USED IN THE MANUFACTURING OF BIOSOLUTIONS AND THEREFORE ARE NOT COMPONENTS OF 400 MD

HMIS-Rating: HEALTH - 0 FIRE - 0 REACTIVITY - 0 PERSONAL PROTECTION - A

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	98.4 C
Vapor Pressure (mm Hg.)	7.0
Vapor Density (AIR = 1)	0.62
Solubility in Water	Complete
Appearance and odor	Pale Blue - Mild Odor
PH	9.7 to 10.4
Specific Gravity (H2O = 1)	1.02
Melting Point	N/A
Evaporation Rate (Butyl Acetate = 1)	0.7

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	None
Flammable Limits	None
LEL	N/A
UEL	N/A
Extinguishing Media	None Required
Special Fire Fighting Procedures	None Required
Usual Fire and Explosion Hazards	None

SECTION V - REACTIVITY DATA

Stability	Stable
Compatibility (materials to avoid)	Strongly Acidic Materials & Oxidizers
Hazardous Polymerization	Will Not Occur
Conditions To Avoid	None

SECTION VI - EXPOSURE CONTROLS / PERSONAL PROTECTION

Routes of Entry:

Inhalation:	No
Skin:	No
Ingestion:	No

Health Hazards (Acute and Chronic): This product poses no health hazards, but, as with all products, prudence in handling is recommended.

Carcinogenicity	NONE
NTP	N/A
IARC Monographs	N/A

OSHA Regulated:	No
Signs and Symptoms of Exposure:	None
Medical Conditions Generally Aggravated by Exposure:	None
Emergency and First Aid Procedures:	None; care in handling is recommended

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: No precautions necessary. Absorb or mop up with wet mop or wash away with water. Slippery.

Waste Disposal Method: Standard sewage treatment methods.
 Precautions to be taken in handling and storing: None
 Other Precautions: Avoid freezing. If freezing occurs, thaw and stir.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specific Type): None required

Ventilation:

Local Exhaust	- None required
Mechanical (General)	- Acceptable
Special	- None
Other	- None

Protective Gloves:	Not necessary
Eye Protection:	Not required; prudent handling recommended
Other Protective Clothing or Equipment:	None
Work/Hygienic Practices:	Normal practices.

DISCLAIMER OF WARRANTY:

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