



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION		HMIS	NFPA
Brand Name:	Microbloc® Dizolv MC <sup>20</sup>	HEALTH	1 1
Chemical Name:	N/A	FLAMMABILITY	0 0
Common Name:	N/A	PHYSICAL HAZARD	0 0
		HMIS PPE	C

PREPARER  
Microbloc  
A Limited Liability Corporation  
3305 Rutherford Road  
Taylors, SC 29687

EMERGENCY TELEPHONE NUMBER  
1-888-663-7080

### 2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

CHEMICAL NAME CAS# none WEIGHT %

ingredients: Ferment of vegetable matter, sugar cane base, non-ionic surfactant, citric acid, purified water

(Note: See Section 8 of this MSDS for Exposure Guidelines)

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

amber brown pleasant odor.

**Warning.** May cause mild irritation to mucous membranes and eyes

Mild skin and eye irritation.

#### POTENTIAL HEALTH EFFECTS

##### PRIMARY ROUTE(S) OF ENTRY

Eye and Skin contact, Ingestion

##### SYMPTOMS OF EXPOSURE

Eye Contact: None.

Skin Contact: None.

Ingestion: Direct ingestion may cause mild diarrhea.

##### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None known.

##### REPORTED AS CARCINOGEN OR POTENTIAL CARCINOGEN

Not Applicable

OSHA

National Toxicology Program (NTP)  International Agency for Research on Cancer (IARC)



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#### 4. FIRST AID MEASURES

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INHALATION  
None.

EYE CONTACT  
Rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation develops or persists.

SKIN CONTACT  
Wash affected areas with plenty of water, and soap if available, for several minutes.

INGESTION  
none

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#### 5. FIRE FIGHTING MEASURES

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Flash Point and Method: N/A

GENERAL HAZARD  
This product is not combustible.

EXTINGUISHING MEDIA  
N/A.

SPECIAL FIRE FIGHTING INSTRUCTIONS  
N/A

FIRE FIGHTING EQUIPMENT  
None

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#### 6. ACCIDENTAL RELEASE MEASURES

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Product is bio-degradable and ecologically harmless. Rinse spill with water if desired

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#### 7. HANDLING AND STORAGE

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STORAGE  
**Store at temperatures below 120 F/48c: avoid prolonged freezing  
may induce rusting of mild steel containers**

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS  
Use explosion proof equipment for general and/or ventilation to prevent build-up of vapors. In applications where the material will be exposed to elevated temperatures, use local ventilation to remove potential decomposition products.

PERSONAL PROTECTION

Respirator: N/A

Eye Protection: Wear safety goggles if desired and when spraying.

Gloves: Optional

Clothing: Normal working clothing

Other: None



**EXPOSURE CONTROLS**

COMPONENT	OSHA PEL		ACGIH TLC	
	TWA	STEL	TWA	STEL
N/A	0	N/A	N/A	N/A

**9. PHYSICAL AND CHEMICAL PROPERTIES**

State..... Liquid  
 Color..... light brown, amber  
 Odor ..... Slight sweet odor  
 Boiling Point °C ..... 212F  
 Weight per Gallon..... 8.4 lbs/gal  
 Specific Gravity @20 °C ..... 1.07g/ml(H<sub>2</sub>O=1)  
 Water Solubility ..... Soluble  
 pH ..... 4-6

**10. STABILITY AND REACTIVITY**

REACTIVITY  
 Stable  
 INCOMPATIBILITIES  
 Caustics (pH greater 9.5)  
 CONDITIONS TO AVOID  
 High caustics or acids, High temps.(130F)

**11. TOXICOLOGICAL INFORMATION**

Oral LD<sub>50</sub> (Rat) ..... N/A  
 Dermal LD<sub>50</sub> (Rabbit)..... > N/A  
 Inhalation LC<sub>50</sub> ..... N/A  
 Primary skin irritation..... Presumed to be a slight irritant  
 Primary eye irritation..... Presumed to be a mild irritant

**12. ECOLOGICAL INFORMATION**

EC<sub>50</sub> (bacterium) ..... No data  
 LC<sub>50</sub> (rainbow trout) ..... No data  
 BOD ..... No data  
 COD ..... No data  
 Heavy metals..... No data

**13. DISPOSAL CONSIDERATIONS**

RCRA Waste Code: Not regulated under RCRA, 40 CFR 261  
 Products: Flush with water, Safe for sewer disposal. harmless to aquatic, plant and animal life  
 Empty packaging: Remove all residue when emptying.

**14. TRANSPORTATION INFORMATION**

DOT Hazard Classification: Non-Hazardous, not regulated

**15. REGULATORY INFORMATION  
 (Not meant to be all-inclusive, selected regulations represented)**



**OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)**

Hazardous       Non-Hazardous

**CERCLA/SUPERFUND (40 CFR 117, 302)**

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

**SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)**

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

**SARA HAZARD CATEGORIES (40 CFR 370)**

Acute       Chronic       Fire       Pressure       Reactive       None

**SARA TOXIC SUBSTANCES (40 CFR 372)**

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

**US TOXIC SUBSTANCES CONTROL ACT/INVENTORY STATUS**

N/A

**HARMONIZED TARIFF SCHEDULE CODE (UNITED STATES 2005):** 3402.12.5000 (Organic surface-active agents, cationic, other)

**STATE REGULATIONS**

None listed.

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**16. OTHER INFORMATION**

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**ABBREVIATIONS**

C:	Ceiling limit	N/A:	Not Applicable	N/D:	Not determined
N/E:	Not established	N/K:	Not known	RQ:	Reportable quantity
TPQ:	Threshold Planning Quantity				

**Date Prepared:** 05/25/2006

**Supersedes Date:** 01/16/2006

**Prepared by:** MSDS Coordinator

**Reasons for Revision:** Product Update.

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