

**EUCON MRX - BULK**

Version 4.1

REVISION DATE: 08/28/2013

Print Date 01/21/2014

**SECTION 1 - PRODUCT IDENTIFICATION**

Trade name : EUCON MRX - BULK  
 Product code : 26P 99  
  
 COMPANY : Euclid Chemical Company  
 19218 Redwood Road  
 Cleveland, OH 44110  
  
 Telephone : 1-800-321-7628  
 Emergency Phone: : U.S. only: 1-800-424-9300  
 International Users Call Collect: 1-703-527-3887  
  
 Product use : Admixture

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Black / Brown. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : No serious effects anticipated under normal conditions of use.  
 Eyes : Direct contact may cause mild irritation.  
 Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.  
 Skin : May cause mild irritation.

**Aggravated Medical Conditions**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**SECTION 3 - PRODUCT COMPOSITION**

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	> 60.0
Sodium lignosulfonate	8061-51-6	15.0 - 40.0
Methacrylic acid copolymer	NJ TSRN# 51721300-6052P	5.0 - 10.0

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.  
 Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.  
 Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If

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irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Get medical attention. Do not induce vomiting.

Notes to physician : Not applicable.

**SECTION 5 - FIRE FIGHTING MEASURES**

Flash point : Not available.

Method : Not available.

Lower explosion limit : Not available.

Upper explosion limit : Not available.

Autoignition temperature : Not available.

Extinguishing media : This product is not expected to burn under normal conditions of use.

Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.

Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).

Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

**SECTION 7 - HANDLING AND STORAGE**

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection equipment**

Respiratory protection : Not required under normal conditions of use.

Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.

Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.

Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.

Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.

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Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

### Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
p-Dioxane	123-91-1	ACGIH TWA: OSHA PEL:	20 ppm 360 mg/m <sup>3</sup>	
Ethylene oxide	75-21-8	ACGIH TWA:	1 ppm	
Propylene oxide	75-56-9	ACGIH TWA: OSHA PEL:	2 ppm 240 mg/m <sup>3</sup>	

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form : Liquid  
Color : Black / Brown  
Odor : Mild  
pH : 5 - 7  
Vapour pressure : Not available.  
Vapor density : Heavier than air  
Melting point/range : Not available.  
Freezing point : Not available.  
Boiling point/range : Not available.  
Water solubility : Soluble  
Specific Gravity : 1.12  
% Volatile Weight : 67.7 %

## SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Strong acids. Strong bases.  
Stability : Stable  
Hazardous polymerization : Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Sodium lignosulfonate, CAS-No.: 8061-51-6  
Acute oral toxicity (LD-50 oral) 40,000 mg/kg ( Rat )

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### **SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

### **SECTION 13 - DISPOSAL CONSIDERATIONS**

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

### **SECTION 14 - TRANSPORTATION / SHIPPING DATA**

#### **CFR / DOT:**

Not Regulated

#### **TDG:**

Not Regulated

#### **IMDG:**

Not Regulated

### **SECTION 15 - REGULATORY INFORMATION**

#### **North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

#### **U.S. Federal Regulations:**

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Based on an evaluation of the components used, this product does not contain hazardous ingredients identified as per 29 CFR 1910.1200

#### OSHA Hazardous Components :

Glutaraldehyde 111-30-8

Dimethylformocarbonylaldehyde 533-74-4

p-Dioxane 123-91-1

Acetaldehyde 75-07-0

Ethylene oxide 75-21-8

Propylene oxide 75-56-9

OSHA Flammability : Not Regulated

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Regulatory VOC (less water and  
exempt solvent) : 0 g/l  
VOC Method 310 : 0 %

### U.S. State Regulations: MASS RTK Components

	p-Dioxane	123-91-1
	Acetaldehyde	75-07-0
	Ethylene oxide	75-21-8
	Propylene oxide	75-56-9

Penn RTK Components : Water 7732-18-5  
Sodium lignosulfonate 8061-51-6  
Methacrylic acid copolymer NJ TSRN# 51721300-6052P

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Sodium lignosulfonate 8061-51-6  
Methacrylic acid copolymer NJ TSRN# 51721300-6052P

### Components under California Proposition 65:

WARNING! Contains chemicals known to the State of California to cause cancer, birth defects and/or other reproductive harm

## SECTION 16 - OTHER INFORMATION

### HMIS Rating :

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum  
1 = Slight  
2 = Moderate  
3 = Serious  
4 = Severe

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### Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol

### Legend

ACGIH - American Conference of Governmental Hygienists  
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act  
DOT - Department of Transportation  
DSL - Domestic Substance List  
EPA - Environmental Protection Agency  
HMIS - Hazardous Materials Information System

PEL - Permissible Exposure Limit

RCRA - Resource Conservation and Recovery Act

RTK - Right To Know

SARA - Superfund Amendments and Reauthorization Act

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

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IARC - International Agency for Research on Cancer  
MSHA - Mine Safety Health Administration  
NDSL - Non-Domestic Substance List  
NIOSH - National Institute for Occupational Safety and Health  
NTP - National Toxicology Program  
OSHA - Occupational Safety and Health Administration

TSCA - Toxic Substances Control Act  
TWA - Time Weighted Average  
V - Volume  
VOC - Volatile Organic Compound  
WHMIS - Workplace Hazardous Materials Information System