



**SAFETY DATA SHEET**  
**MMR II**  
Disinfectant/Cleaner

BBJ Environmental Solutions  
"The standard of care for indoor air"

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

**1.1 Product Identifier**

MMR II

**1.2 Other Means of Identification**

620-01; 611-01; 650-01

EPA: 1839-83-67212

**1.3 Recommended Use of the Chemical**

See label instructions.

**1.4 Restrictions on Use**

None known.

**1.5 Manufactured By**

DiversiTech Corporation

3039 Premiere Parkway

Suite 600

Duluth, GA 30097

1.800.995.2222

**1.6 Emergency Telephone Number**

For chemical emergencies, day or night, call ChemTel at **1.800.255.3924**

**SECTION 2 – HAZARD IDENTIFICATION**

**2.1 Classification of the Chemical**

Eye Irritation, category 2a

**2.2 Pictograms**



**2.3 Signal Word**

Warning

**2.4 Hazard Statement(s)**

H320 Causes eye irritation.

**2.5 Precautionary Statements**

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear eye protection.

P305+351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: Get medical advice.

**2.6 Hazard(s) Not Otherwise Classified**

None known

0% of the chemical consists of ingredient(s) of unknown acute toxicity.

## 2.7 Note

Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

## SECTION 3 – INFORMATION ON INGREDIENTS

### 3.1 Ingredients Hazardous to Health

Ingredient	CAS	Concentration	GHS Classification(s)
Diethylene glycol monobutyl ether	112-34-5	8%	Eye Irritation 2a
Edetate sodium	64-02-8	1.726%	Acute Tox 4 (oral); Eye Dam 1
Sodium Metasilicate	6834-92-0	0.151%	Eye Dam 1; STOT-SE 3 (respiratory)
N-Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0.105%	Acute Tox 4 (oral); Skin Corr 1; Acute Aquatic Tox 1
C12-14-Alkyldimethyl(ethylbenzyl) ammonium chloride	85409-23-0	0.105%	Acute Tox 4 (oral); Skin Corr 1; Acute Aquatic Tox 1

### 3.2 Trade Secret Claim

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

### 3.3 Note

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with 19 CFR §1910.1200. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

## SECTION 4 – FIRST AID MEASURES

### 4.1 General First Aid Measures

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

### 4.2 Most Important Symptoms

None known.

### 4.3 If Inhaled

Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

### 4.4 If on Skin

Wash with soap and water. Take off contaminated clothing and wash it before reuse.

### 4.5 If in Eyes

Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 4.6 If Swallowed

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

### 4.7 Indication of Immediate Medical Attention

Not anticipated to require immediate medical attention due to exposure.

## SECTION 5 – FIRE FIGHTING MEASURES

### 5.1 Suitable Extinguishing Media

Water spray, carbon dioxide, sand, powder extinguisher, dry chemical.

### 5.2 Unsuitable Extinguishing Media

None known.

### 5.3 Specific Hazards

None known.

#### 5.4 Hazardous Combustion Products

None known.

#### 5.5 Special Protective Equipment

Not determined.

#### 5.1 Precautions for Fire-Fighters

Not determined.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal Precautions

Remove non-emergency personnel from the area in an orderly fashion.

#### 6.2 Protective Equipment

Use appropriate chemical-resistant gloves.

#### 6.3 Emergency Procedure(s)

Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

#### 6.4 Methods for Containment

Cover drains and ventilate area to prevent vapor build-up.

#### 6.5 Methods for Clean Up

For small spills, wipe with an absorbent material. For large spills, collect with sawdust, sand, or binder before cleaning. Place in an area appropriate for disposal.

#### 6.6 References

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

### SECTION 7 – HANDLING AND STORAGE

#### 7.1 Precautions for Safe Handling

Keep away from all ignition sources. Do not smoke while handling.

#### 7.2 Conditions for Safe Storage

Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container.

#### 7.3 Storage Incompatibilities

None known.

### SECTION 8 – EXPOSURE CONTROLS

#### 8.1 Exposure Controls by Ingredient

Ingredient	CAS	PEL	ACGIH	NIOSH
Diethylene glycol monobutyl ether	112-34-5	n/a	n/a	n/a
Edetate sodium	64-02-8	n/a	n/a	n/a
Sodium Metasilicate	6834-92-0	n/a	n/a	n/a
N-Alkyl dimethyl benzyl ammonium chloride	68391-01-5	n/a	n/a	n/a
C12-14-Alkyldimethyl(ethylbenzyl) ammonium chloride	85409-23-0	n/a	n/a	n/a

#### 8.2 General Note

Practice good industrial hygiene. Wash hands after handling and use.

#### 8.2 Appropriate Engineering Controls

Ensure mechanical ventilation.

## 8.2 Eye/Face Protection

Safety goggles/glasses are recommended to prevent splashback and other exposure.

## 8.2 Skin Protection

Wear gloves suitable for chemical protection.

## 8.2 Respiratory Protection

No anticipated protective equipment is required.

## 8.2 Environmental Protection

No anticipated protective equipment is required.

# SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on physical and chemical properties

<b>Appearance</b>	Clear, colorless liquid
<b>Odor</b>	Lemon/citrus
<b>Odor Threshold</b>	Not determined
<b>pH</b>	11.7
<b>Melting Point</b>	0°C
<b>Boiling Point</b>	100°C
<b>Flashpoint</b>	>93.9°C
<b>Flammability</b>	Not determined
<b>Evaporation Rate</b>	0.3 (n-BuAc=1)
<b>Upper Explosive Limit</b>	Not determined
<b>Lower Explosive Limit</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Solubility</b>	Not determined
<b>Auto-Ignition</b>	Not determined
<b>Relative Density</b>	Not determined
<b>Partition Coefficient</b>	Not determined
<b>Decomposition Temp</b>	Not determined
<b>Viscosity</b>	Not determined

## 9.2 Other Information

<b>VOC%</b>	Not determined
-------------	----------------

# SECTION 10 – STABILITY AND REACTIVITY

## 10.1 Reactivity

Not anticipated to be reactive.

## 10.2 Chemical Stability

Chemical is stable in normal storage conditions.

## 10.3 Hazardous Reactions

None known.

## 10.4 Incompatible Materials

Strong oxidizing agents.

## 10.5 Conditions to Avoid

Extreme temperatures.

## 10.6 Hazardous Decomposition Products

Thermal decomposition products may include carbon/nitrogen oxides, aldehydes, ketones, and organic acids.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### 11.1 Acute Toxicity Estimates (ATE)

- Oral** >2,000 mg/kg bw  
**Dermal** Contains no ingredient(s) considered toxic.  
**Inhalation** Contains no ingredient(s) considered toxic.

### 11.2 Skin Corrosion/Irritation

Contains ingredients known to cause permanent skin damage but are present at concentrations below hazard classification.

### 11.3 Eye Damage/Irritation

May cause eye irritation.

### 11.4 Sensitization

- Skin** Contains no ingredient(s) applicable to this category.  
**Respiratory** Contains no ingredient(s) applicable to this category.

### 11.5 Germ Cell Mutagenicity

Contains no ingredient(s) applicable to this category.

### 11.6 Carcinogenicity

Contains no ingredient(s) applicable to this category.

### 11.7 Reproductive Toxicity

Contains no ingredient(s) applicable to this category.

### 11.8 Aspiration Hazard

Contains no ingredient(s) applicable to this category.

### 11.9 Specific Target Organ Toxicity – Single Exposure

Contains an ingredient which may cause respiratory irritation but is present at concentrations below hazardous levels.

### 11.10 Specific Target Organ Toxicity – Repeated Exposure

Contains no ingredient(s) applicable to this category.

### 11.11 Symptoms Related to Characteristics

None known.

### 11.12 Delayed and Immediate Effect from Short- and Long-Term Exposure

None known.

### 11.13 National Toxicology Program Listing

Not listed.

### 11.14 International Agency for Research on Cancer Listing

Not listed.

## SECTION 12 – ECOLOGICAL INFORMATION

### 12.1 Eco-Toxicity

- Algae** >200 mg/L  
**Fish** >200 mg/L  
**Crustacea** >200 mg/L

### 12.2 Persistence and Degradability

Not determined.

### 12.3 Mobility in Soil

Not determined.

### 12.4 Bioaccumulative Potential

Not determined.

## 12.5 Other Adverse Effects

None known.

## SECTION 13 – DISPOSAL CONSIDERATIONS

### 13.1 Disposal of Empty Containers

Please recycle container with a licensed recycling company.

### 13.2 Disposal of Full or Partially Full Containers

Dispose of in accordance with local regulations. Contact a waste management company for additional questions.

## SECTION 14 – TRANSPORTATION INFORMATION

### 14.1 Hazard Placard

Not a regulated mixture.

### 14.2 UN Number

Not a regulated mixture.

### 14.3 UN Proper Shipping Name

Not a regulated mixture.

### 14.4 Hazard Class

Not a regulated mixture.

### 14.5 Packaging Group

Not a regulated mixture.

### 14.6 Environmental Hazard

No

### 14.7 Transport in Bulk

Not a regulated mixture.

### 14.8 Special Precautions

Do not ship with excessive weight on top. Keep in original containers.

### 14.9 Limited Quantity

Not a regulated mixture.

## SECTION 15 – REGULATORY INFORMATION

### 15.1 SARA

311 No applicable Ingredients

312 No applicable Ingredients

313 No applicable Ingredients

### 15.2 Right-To-Know

Not applicable.

### 15.3 TSCA Inventory List

Each ingredient is on the TSCA inventory list as ACTIVE or EXEMPT.

### 15.4 California State Laws

Prop65 No ingredients listed.

ARB Pesticide.

VOC Limit Not applicable.

### 15.5 HMIS® III (higher numbers indicate higher risk)

Health 1

Flammability 1

Physical Hazard 0

**15.6 NFPA®** (higher numbers indicate higher risk)

<b>Health</b>	1
<b>Flammability</b>	1
<b>Instability</b>	0

**SECTION 16 – OTHER INFORMATION**

**16.1 Revision Date**

April 28, 2021      Additional SDS information provided.

**16.2 General Disclaimer**

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

**16.3 SDS Prepared By**

Cogwork Consulting Group, LLC.  
[www.cogworkconsulting.com](http://www.cogworkconsulting.com)