



# Safety Data Sheet

Issue Date 16-Oct-2013

Revision Date: 22-Oct-2013

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** DIPROPYLENE GLYCOL MONOMETHYL ETHER ACETATE (DPMA)

### Other means of identification

**SDS #** NC-023

### Recommended use of the chemical and restrictions on use

**Recommended Use** No information available.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Neuchem Inc.  
2062 Union Street, Suite 300  
San Francisco, CA 94123 USA  
www.neuchem.com

### Emergency Telephone Number

**Company Phone Number** Phone: 415-345-9353  
Fax: 415-345-9350  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America) Account No. 100534

## 2. HAZARDS IDENTIFICATION

**Appearance** Clear

**Physical State** Liquid

**Odor** A little unpleasant bitter

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 4

### Signal Word

**Warning**

### Hazard Statements

Causes serious eye irritation  
Causes skin irritation  
May cause respiratory irritation. May cause drowsiness or dizziness  
Combustible liquid



**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Keep cool

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Get medical advice / attention  
IF ON SKIN: Wash with plenty of soap and water  
Take off contaminated clothing and wash it before reuse  
Get immediate medical advice/attention  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Get medical attention if symptoms persist  
IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep container tightly closed  
Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Dipropylene glycol monomethyl ether acetate	88917-22-0	100

**4. FIRST-AID MEASURES**

**First Aid Measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
<b>Skin Contact</b>	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention.
<b>Inhalation</b>	Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Call a physician immediately.

**Most important symptoms and effects**

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<b>Symptoms</b>	Inhalation: May cause irritation of respiratory tract. Headache and dizziness Ingestion: Maybe harmful if swallowed. Skin contact: May cause skin irritation Eye contact: may cause serious eye irritation.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Provide general supportive measures and treat symptomatically.
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**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Water, Vapor water, Anti-deliquescent foam, dry chemical, or carbon dioxide, sand.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Product is combustible & may ignite if exposed to high temperature or direct flame.

**Hazardous Combustion Products** Burning produces irritant fumes.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Remove the containers from fire to an open and safe place if possible; spray water to cool the containers until the fire fighting is over. Withdraw immediately in case of rising sound from venting safety device or any discoloration of containers due to fire. Spray water to the overflow liquid and dilute it to become an inflammable mixture.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
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<b>Environmental Precautions</b>	Prevent runoff from entering drains, sewers or streams. See Section 12 for additional Ecological Information.
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**Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Absorb and / or contain spill with inert materials (e.g., sand, vermiculite).
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<b>Methods for Clean-Up</b>	Use clean non-sparking tools to collect absorbed material. Sweep up absorbed material and shovel into suitable containers for disposal. For waste disposal, see section 13 of the SDS.
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**7. HANDLING AND STORAGE**

**Precautions for safe handling**

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8. Wash face, hands, and any exposed skin thoroughly after handling. Use with adequate ventilation. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store away from incompatible materials. Keep container tightly closed. Store locked up.
<b>Incompatible Materials</b>	Strong oxidizing agents, Acids.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** The following information is given as general guidance

**Appropriate engineering controls**

**Engineering Controls** Operate in hermetic location while providing well-ventilated condition.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses with side-shields.

**Skin and Body Protection** Wear protective gloves and protective clothing.

**Respiratory Protection** Usually special protection is not necessary, when contact high concentration vapor, a self-respired filter respirator (a half- face) shall be worn.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	A little unpleasant bitter
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Clear		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	200 °C / 392 °F	
Flash Point	99.4 °C / 210.92 °F	
Evaporation Rate	Not available	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not available	
Lower Flammability Limit	Not available	
Vapor Pressure	0.05kpa (20?)	
Vapor Density	5.11	(Air=1)
Specific Gravity	0.97 @ 68°F (20°C)	(1=Water)
Water Solubility	Soluble in water	
Solubility in other solvents	soluble and mixable with glycol or ether	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not available	
Kinematic Viscosity	Not available	
Dynamic Viscosity	Not available	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to Avoid

Incompatible Materials, Heat, Flame, Ignition sources.

### Incompatible Materials

Strong oxidizing agents, Acids.

### Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Causes skin irritation.
<b>Inhalation</b>	May cause dizziness, headache, respiratory irritation or loss of consciousness.
<b>Ingestion</b>	May cause discomfort if swallowed.

### Component Information

### Information on physical, chemical and toxicological effects

<b>Symptoms</b>	Please see section 4 of this SDS for symptoms.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>STOT - single exposure</b>	May cause respiratory irritation. May cause drowsiness or dizziness.

### Numerical measures of toxicity

Product Information

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

Not determined

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

<b><u>Note</u></b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b><u>DOT</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

**IECSC** Listed

#### Legend:

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

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*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

### US Federal Regulations

#### SARA 313

Not determined

### US State Regulations

#### U.S. State Right-to-Know Regulations

Not determined

## 16. OTHER INFORMATION

#### NFPA

#### Health Hazards

1

#### Flammability

1

#### Instability

0

#### Special Hazards

Not determined

#### HMIS

#### Health Hazards

Not determined

#### Flammability

Not determined

#### Physical Hazards

Not determined

#### Personal Protection

Not determined

**Issue Date**

16-Oct-2013

**Revision Date:**

22-Oct-2013

**Revision Note**

New format

#### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**