



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION:

|                     |  |
|---------------------|--|
| <b>PRODUCT CODE</b> | A0210  |
| <b>PRODUCT NAME</b> | ETHYL PHENYL GLYCIDATE   |
| <b>SUPPLIER</b>     | Shanghai M & U International Trade Co., Ltd.<br>Rm 1717, No 598 North NuJiang Road<br>200333 Shanghai, China<br>+86-21-32515501 32515502<br>sales@mu-intel.com |

**FOR EMERGENCIES CALL CHEMTREC: 800-424-9300 (24-HOURS)**

### 2. HAZARD IDENTIFICATION:

**Classification of the substance or mixture**

Not a hazardous substance or mixture

**GHS Label elements, including precautionary statements**

Hazards not otherwise classified (HNOC) or not covered by GHS - none

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS:

|                  |              |
|------------------|--------------|
| Formula          | C11 H12 O3   |
| Molecular Weight | 192.21 g/mol |
| CAS-No           | 121-39-1     |
| EC-No            | 204-467-3    |

No ingredients are hazardous according to OSHA criteria.

No components need to be disclosed according to the applicable regulations.

### 4. FIRST-AID GUIDE:

**Description of first aid measures**

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician

**In case of eye contact**

Flush eyes with water as a precaution

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

**Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Indication of any immediate medical attention and special treatment needed**

No data available

**5. FIRE-FIGHTING GUIDE:**

**Extinguishing media**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

**Special hazards arising from the substance or mixture**

Carbon oxides

**Advice for firefighters**

Wear self contained breathing apparatus for firefighting if necessary

**Further information**

No data available

**6. ACCIDENTAL RELEASE GUIDE:**

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

Use personal protective equipment. Avoid breathing vapors, mist or gas. For personal protection see section 8

**Environmental precautions**

Do not let product enter drains

**Methods and materials for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal

**Reference to other sections**

For disposal see section 13

## 7. HANDLING AND STORAGE:

### **Precautions for safe handling**

For precautions see section 2

### **Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

### **Specific end use(s)**

No other specific uses are stipulated

## 8. EXPOSURE AND PERSONAL PROTECTION:

### **Control parameters**

### **Components with workplace control parameters**

Contains no substances with occupational exposure limit values

### **Exposure controls**

#### **Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday

### **Personal protective equipment**

#### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU)

#### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands

#### **Body Protection**

Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

#### **Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup

to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

### **Control of environmental exposure**

Do not let product enter drains

## **9. PHYSICAL AND CHEMICAL PROPERTIES:**

|  |  |
|--|--|
| Appearance Form                              | viscous liquid                             |
| Color  | light yellow                               |
| Odor   | no data available                          |
| Odor Threshold                               | no data available                          |
| pH   | no data available                          |
| Melting point/freezing point                 | no data available                          |
| Initial boiling point and boiling range      | 96 °C (205 °F) at 0.7 hPa (0.5 mmHg) - lit |
| Flash point                                  | 113 °C (235 °F) - closed cup               |
| Evaporation rate                             | no data available                          |
| Flammability (solid, gas)                    | no data available                          |
| Upper/lower flammability or explosive limits | no data available                          |
| Vapor pressure                               | no data available                          |
| Vapor density                                | no data available                          |
| Relative density                             | 1.102 g/cm <sup>3</sup> at 25 °C (77 °F)   |
| Water solubility                             | no data available                          |
| Partition coefficient: n-octanol/water       | no data available                          |
| Auto-ignition temperature                    | no data available                          |
| Decomposition temperature                    | no data available                          |
| Viscosity                                    | no data available                          |
| Explosive properties                         | no data available                          |
| Oxidizing properties                         | no data available                          |

### **Other safety information**

No data available

## **10. STABILITY AND REACTIVITY:**

### **Reactivity**

No data available

### **Chemical stability**

Stable under recommended storage conditions

### **Possibility of hazardous reactions**

No data available

### **Conditions to avoid**

No data available

**Incompatible materials**

Strong oxidizing agents, Strong oxidizing agents

**Hazardous decomposition products**

Other decomposition products - no data available

In the event of fire: see section 5

**11. TOXICOLOGICAL INFORMATION:**

**Information on toxicological effects**

**Acute toxicity**

LD50 Oral - rat - 2,300 mg/kg

Inhalation: no data available

Dermal: no data available

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

**IARC**

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

**ACGIH**

No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH

**NTP**

No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP

**OSHA**

No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: MB4970000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

**12. ECOLOGICAL INFORMATION:****Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available

**13. DISPOSAL RECOMMENDATIONS:****Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company

**Contaminated packaging**  
Dispose of as unused product

**14. TRANSPORTATION INFORMATION:**

**DOT (US)**  
Not dangerous goods

**IMDG**  
Not dangerous goods

**IATA**  
Not dangerous goods

**15. REGULATORY INFORMATION:**

**REACH No**  
A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline

**SARA 302 Components**  
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

**SARA 313 Components**  
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

**SARA 311/312 Hazards**  
No SARA Hazards

**Massachusetts Right to Know Components**  
No components are subject to the Massachusetts Right to Know Act

**Pennsylvania Right to Know Components**  
Ethyl 3-phenyloxirane-2-carboxylate  
CAS-No  
121-39-1

**New Jersey Right to Know Components**  
Ethyl 3-phenyloxirane-2-carboxylate  
CAS-No  
121-39-1

**California Prop 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm

#### **16. OTHER INFORMATION:**

The information in this MSDS was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond M&U's control, it is the responsibility of the user both to determine safe conditions for use of this product and to assume liability for loss, damage, or expense arising out of the products improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission in the MSDS. Various federal, state, or provincial agencies may have specific regulations concerning the transportation, handling, storage, use, or disposal of this product which may not be reflected in the MSDS. The user should review these regulations to ensure full compliance.