



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Ethylene glycol mono ethyl ether Acetate
Product Description: Ester
Chemical Formula: C₆H₁₂O₃
Recommended Use: N/D

COMPANY IDENTIFICATION

Supplier: UNION PETROCHEMICAL PUBLIC COMPANY LIMITED
728 Union House Building, Baromratchonnani Rd.,
Bangbumru, Bangplad, Bangkok 10700
Supplier General Contact: +662 881 8288

This (M)SDS is a generic document with no country specific information included.

SECTION 2 HAZARDS IDENTIFICATION

May form explosive peroxides. Irritating to eyes and respiratory system.

Eye:

Cause moderate eye irritation.

Skin:

Cause mild skin irritation. May be harmful if absorbed through the skin.

Ingestion:

May cause irritation of the digestive tract, headache, dizziness, nausea, vomiting, liver and kidney injury.

Inhalation:

Causes respiratory tract irritation. May be harmful if inhaled.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

This material is defined as a substance.

Hazardous Substance(s) or Complex Substance(s) required for disclosure

Name	CAS#	Concentration*
Ethylene glycol mono ethyl ether Acetate	111-15-9	99.7%
Water	7732-18-5	0.1%
Ethylene glycol mono ethyl ether	203-804-1	0.2%

Molecular mass: 132

Molecular formular: C₆H₁₂O₃

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

SECTION 4 FIRST AID MEASURES

INHALATION

Affected person should be moved to fresh air and made to rest.

EYE AND SKIN CONTACT



The vapour at high concentrations is irritant to eyes and skin. Wash with plenty of water.

INGESTION



Make victim drink plenty of water, induce vomiting, treat symptomatically. Take medical advice immediately, if exposed to the material externally or internally ingestion.

SECTION 5

FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA



Appropriate Extinguishing Media: Water, carbon dioxide (CO₂), foam, powder

SPECIAL RISK

Combustible. Development of hazardous combustion gases or vapours possible in the event of fire. Take measures to prevent electrostatic charging.

SECTION 6

ACCIDENTAL RELEASE MEASURES

PERSON-RELATED PRECAUTIONARY MEASURES

Do not inhale vapours/aerosols. Avoid substance contact.

PROCEDURES FOR CLEANING / ABSORPTION

Take up with liquid – absorbent material (e.g., sawdust, sand, clay, etc.). Forward for disposal. Clean up affected area.

SECTION 7

HANDLING AND STORAGE

HANDLING

No special precaution except the standard safety equipment like goggles and gloves.

STORAGE

Store in a cool and ventilated place. Keep container tightly closed.

SECTION 8

EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT



Respiratory Protection: Required when vapours / aerosols are generated.



Eye Protection: Safety goggles required.



Hand Protection: Hand gloves required.



Industrial Protection: Change contaminated clothing. Application of skin protective barrier cream recommended. Wash hand after working with substance. Avoid the containers in open conditions.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

Form:	Liquid
Color:	Colorless
Odour:	Characteristic
Boiling range:	150 – 160 °C
Flash point:	~57 °C
Autoignition temperature:	~235 °C
Specific gravity @20/20°C:	~0.975
Solubility:	Soluble in water

SECTION 10 STABILITY AND REACTIVITY

CONDITIONS TO AVOID:



Incompatible materials, prolonged exposure to air, direct sunlight.

SUBSTANCE TO AVOID:



Strong oxidizing agents, strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Respiratory:	Mildly toxic.
Skin:	Prolong redness or frequent contact may given transient redness. Toxic by skin absorption.
Eyes:	Slightly irritating
Ingestion:	Moderately toxic.

SECTION 12 ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

ACUTE TOXICITY

LD₅₀ (oral, rat): 3,900 mg/kg

DEGRADATION

Product may biodegrade to a moderate extent.



FURTHER DATA

The product should be handled with the care usual when dealing with chemicals.

SECTION 13 DISPOSAL CONSIDERATIONS

Clean up with inert substance like sand. Dispose this off as per the local regulations. Do not discharge in the sewer system. Disposal should be in accordance with local, state or national legislation.

SECTION 14 TRANSPORT INFORMATION

UN Number: 1172
Label(s): Flammable liquid
Hazard Class: 3
Marine Pollutants: No

SECTION 15 REGULATORY INFORMATION

Substance Name: Ethylene glycol mono ethyl ether Acetate

LABELING IN ACCORDANCE TO EC DIRECTIVES

Hazard Symbols: XI
Risk Phrases: R 36 / 37 Irritating to eyes and respiratory system.
Safety Phrases: S 26 In case of contact with eyes, rinse immediately with plenty of water and seek

SECTION 16 OTHER INFORMATION

N/D = Not determined, N/A = Not applicable

This information only concerns the above mentioned product as supplied and may not be valid if used with other products or in any process. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

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