

Polymer Add (Thailand) Co; Ltd.



Safety Data Sheet

METHYL PHTHALYL ETHYL GLYCOLATE

Revision date :

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NUMBER

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Chemical Name	Methyl Phthalyl Ethyl Glycolate
CAS NO.	85-71-2

1.2 Relevant identified uses of the substance or mixture and uses advised against

1. Phthalic Acid Methyl Ester Glycolate is used as plasticizer in plastics & polymers.

Details of the supplier of the safety data sheet

COMPANY

POLYMER ADD (THAILAND) CO., LTD.
106, Chalarempriakiat, Lor 9, Soi 22, Yak
5, Nongbon, Prawet, Bangkok
Bangkok - 10250
Thailand
Telephone : 0804531391
Email - contact@polymeradd.co.th

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Human Health	Skin irritation (Category 2): May cause allergic skin reaction Eye irritation (Category 2): Avoid contact with eyes. Inhalation: May cause irritation of respiratory tract. Ingestion: May be harmful.
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No data available.

2.2 Labelling according Regulation (EC) No 1272/2008 [CLP]

Label elements	None.
Signal word	None.
Hazard statement(s)	None.
Precautionary statement(s)	None.

None.

2.3 Other hazards

None.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Component

Chemical Name	Methyl Phthalyl Ethyl Glycolate
CAS NO	85-71-2

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EC Number	201-625-3
Molecular Formula	C13H14O6
Molecular Weight	266.25 g/mol.
Concentration	98 % Min. Other impurities & unreacted component 2 %

4 FIRST AID MEASURES

4.1 Description of first aid measures

General advice

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

If inhaled

Move to fresh air.
Call a physician immediately.

In case of skin contact

Rinse immediately with plenty of water and seek medical advice.

In case of eye contact

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed

Do not induce vomiting without medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use dry chemical, CO2, Water spray or 'alcohol' foam.

5.2 Special hazards arising from the substance or mixture

Burning produces irritant fumes.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

5.4 Further information

No data available.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

Use personal protective equipment.

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6.2 Environmental precautions

Prevent product from entering drains.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel into suitable containers for disposal.

6.4 Reference to other sections

No data available.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Use only in area provided with appropriate exhaust ventilation.
Wear personal protective equipment.

7.2 Information about protection against explosions and fires

No data available.

7.3 Conditions for safe storage including any incompatibilities

No data available.

7.4 Specific end use(s)

No data available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Appropriate engineering controls

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

Eye/face protection

Safety glasses with side-shields conforming to EN166 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

PVC or other plastic material gloves.

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Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Respiratory protection

Breathing apparatus only if aerosol or dust is formed.

Control of environmental exposure

Do not let product enter drains.

9 PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	Clear liquid
b) Odour	No data available.
c) Odour Threshold	No data available.
d) pH (% solution in water)	7
e) Melting point/freezing point	No data available.
f) Initial boiling point and boiling range	305 - 315 Deg C
g) Flash point	No data available.
h) Evaporation rate	No data available.
i) Flammability (solid or gas)	No data available.
j) Upper/lower flammability or explosive limits	No data available.
k) Vapour pressure	No data available.
l) Vapour density	No data available.
m) Relative density	No data available.
n) Water solubility	No data available.
o) Partition coefficient: n-octanol/water	No data available.
p) Autoignition temperature	No data available.
q) Decomposition temperature	No data available.
r) Viscosity	No data available.
s) Explosive properties	No data available.
t) Oxidizing properties	No data available.

9.2 Other safety information

Bulk Density	No data available.
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10 STABILITY AND REACTIVITY

10.1 Reactivity	No data available.
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10.2	Chemical stability	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions	No data available.
10.4	Conditions to avoid	Exposure to air or moisture over prolonged periods.
10.5	Incompatible materials	Strong oxidizing agents.
10.6	Hazardous decomposition products	No data available.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	May cause long-term adverse effects in the aquatic environment
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
IARC	No data available.
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.
RTECS	No data available.

12 ECOLOGICAL INFORMATION

12.1	Toxicity	No data available.
12.2	Persistence and degradability	
	Biodegradation	No data available.
12.3	Bio accumulative potential	No data available.
12.4	Mobility in soil	No data available.
12.5	Results of PBT and vPvB assessment	No data available.
12.6	Other adverse effects	No data available.

13 DISPOSAL CONSIDERATIONS

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13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.
Contact a licensed professional waste disposal service to dispose of this material.
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Do not re-use empty containers.

14 TRANSPORT INFORMATION

14.1 UN number

ADR/RID

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.2 UN proper shipping name

ADR/RID

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.4 Packaging group

ADR/RID

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.5 Environmental hazards

ADR/RID

No

IMDG Marine pollutant

No

IATA

No

14.6 Special precautions for user

No data available.

15 REGULATORY INFORMATION

No data available.

15.1 Safety health and environmental regulations/legislation specific for the substance or mixture

No data available.

15.2 Chemical Safety Assessment

No data available.

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16 **OTHER INFORMATION**

Month of Creation

March 2019

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March 2022