

Propylene glycol methyl ether propionate**1. Product Identification and Manufacture Information.**

Synonyms: Propylene glycol methyl ether propionate

Manufacturer: Jiangsu Tianyin Chemical Industry Co., Ltd.

Addr.: Zhoutie Town, Yixing, Jiangsu, P. R. China

Tel: 86-510-87551427

Fax: 86-510-87557170

Emergency Telephone:

Shanghai Chemical Accident Counseling Service: 86-21-62533429

China National Chemical Accident Counseling Service: 86-532-3889090

2. Composition/Information on Ingredients

Main Content	CAS	Percentage (%)
Propylene Glycol Methyl Ether Propionate	148462-57-1	>99

3. Hazards Identification

Harmful if swallowed, inhaled or absorbed through skin, eyes.

Health hazard:

Inhalation: a little harmful

Eye contact: irritative

Ingestion: extremely toxic

Skin contact: a little irritative

4. First Aid Measures**Inhalation:**

Remove to fresh air. Severe inhalation should be dispersed to the safe place. unbutton the collar, untie the leather belt. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Eye Contact:

Don't use eye ointment. Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Ingestion:

Don't induce vomiting. Loose the collar and leather belt. If not breathing, give artificial respiration. Call a physician.

Skin Contact:

Immediately flush skin with plenty of water for enough time. Especially be careful of cleaning the stitch, crease and groin. If feel irritation, call a physician. Wash clothing completely before reuse.

5. Fire Fighting Measures

Flammable

Flash point: 56C

LEL: no data

UEL: no data

Burning products: carbon monoxide, carbon dioxide

Fire Extinguishing Media:

Little fire: dry chemical powder

Big fire: anti-deliquescent foam. Water spraying or vaporous water. Spraying water to cool the container and prevent the pressure increasing, firing or exploding.

6. Accidental Release Measures

Small spill: absorb with inertia material, and then place it in a suitable container for disposal

Large spill: keep away from the source of ignition. If no hazard, plug the hole with the dry sandy soil or absorb spill with non-flammable material. Don't touch the spill. Avoid the spilled liquid or wasted material enter into narrow place such as sewer or basement. Remove all sources of ignition.

7. Handling and Storage

Precautionary measures: keep away from the heat source and fire. All equipments loaded with the materials should touch ground. Don't breath gas ,smoke, vapor or spraying. Avoid eyes contact. Not feel well, wear appropriate personal protective equipment. Call a physician and show him the label.

Storage: inflammables should be stored in the isolated safe closet and warehouse. Keep away from the heat source and fire. Put the containers in the cool, well-ventilate place. Keep them dry and hermetic. All equipments loaded with material should be grounded areas.

8. Exposure Controls/Personal Protection

Contact limit in work place :

China MAC(mg/m³): no prescription

United State of America ACGIH : no prescription

Engineering control: reduce the density of the vapor by means of ventilating or other engineering control measures. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Personal protection: wear splash-proof goggles and protective clothes, boots, gloves. If no protective clothes, seek advice from specialist.

Breathing air quality must meet the requirements of the OSHA respiratory protection standard (29CFR1910.134).

9. Physical and Chemical Properties

Appearance and odor :

colorless, transparent liquid.

Specific gravity : 0.95

Boiling point : 160°C

solidifying point : <-50°C

flash point :56°C

Auto-ignition point :360°C

Viscosity : (20°C) 1.2 (cps)

% Volatiles by volume 100 (21°C)

Vapor Pressure (mm Hg): 0.9mmHg(20°C)

Evaporation Rate: 19(NBAC=100)

10. Stability and Reactivity

Stability: Stable

Hazardous Polymerization: will not occur

11. Toxicological Information

Toxicity data :

LD50 :>12g/kg (oral rat)

LD50 :>12g/kg (skin-rabbit)

LD50: 6.072ppm

12. Ecological Information

Ecology : no data

13. Disposal Considerations: seek advice from local environmental protection department.

14. Transport Information

Hazard commodity description No: 33648

UN No:1993

Labeling requirements: flammable liquid

Packing Group: III

Marine pollutant : YES

15. Regulatory Information

Product description : propylene glycol methyl ether propionate

In current Chinese Chemical Inventory : YES

Severe toxin classification, sort and description No (GB57-93): not available

Hazard commodity description No (GB12268-90):33648

Fatal hazard sources labeling : No regulation

16. Other Information

All the information in the MSDS is from our latest database, they are only for users' reference, users shall prepare its own operating regulation in accordance with practical situation.

Prepared by: Shanghai Chemical Toxin Counseling Service of China National Economics & Trade Committee

Fax: 86-21-62563255

Website: www.chemaid.com

