



SAFETY DATA SHEET

DPG

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name:	DPG
Recommended use:	Chemical for industrial
Manufacturer/Supplier:	MODERN CHEMICAL CO.,LTD. 82/80 Soi Ekamai 22 (Nuannoi), Sukhumvit 63, Klong Tan Nuea, Watthana, Bangkok 10110
Telephone No:	0-2715-0897-9, 0-2392-3410-3
Fax No:	0-2715-0908-9, 0-2391-1571-2
Emergency Telephone No:	0-2715-0897-9, 0-2392-3410-3

2. HAZARDS IDENTIFICATION

Label elements

Pictogram



Signal word

Danger

Hazard statement(s)

- 1.) Causes skin irritation.
- 2.) May be fatal if swallowed and enters airways.
- 3.) May cause drowsiness or dizziness.
- 4.) Toxic to aquatic life with long lasting effects.
- 5.) May damage the unborn child. Suspected of damaging fertility.

Precautionary statement(s)

- 1.) Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- 2.) Avoid release to the environment.



- 3.) IF SWALLOWED: call a doctor/physician. Do NOT induce vomiting.
- 4.) IF IN EYES: Rinse cautiously with water for 15 minutes.
- 5.) IF ON SKIN Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonym: Dipropylene glycol-Industrial;Oxydipropanol;dihydroxypropyl ether

Ingredients	% (w/w)	CAS NO.
DPG	100	25265-71-8

4. FIRST AID MEASURES

- General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.
- Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- Skin contact:** Wash off with soap and plenty of water. Consult a physician.
- Eye contact:** Flush eyes with water as a precaution.
- Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

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

Unsuitable Extinguishing Media:

No data available

Specific hazards arising from Chemicals:

Smoke, Fume, Incomplete combustion products, Oxides of carbon

Special protective equipment for fire-fighters:

No data available

6. ACCIDENTAL RELEASE MEAS

- Precautions:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.



Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Discharge into the environment must be avoided.

Methods and Material for Containment and Clean Up:

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

7. HANDLING AND STORAGE

Precautions for Safe Handling & Product Transfer:

Avoid exposure - obtain special instructions before use. Avoid inhalation of vapour or mist.

Conditions for Safe Storage & Unsuitable Materials:

Store in cool place. 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No data available

Appropriate Engineering Controls: No data available

Individual Protection Measures

Individual Protection Measures

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory and components test and approved under appropriate government standards such as NIOSH (USA) or CEN (EU). Require when vapors/aerosols are generated. Recommended Filter type: FilterA-(P2).

Hand protection: Handle with gloves. In case full contact wear gloves from nitrile rubber material, in splash contact wear gloves from polychloprene material. The select protective gloves have to satisfy the specifications of EU Directive 89/686 EEC and standard EN 374 derived from it.

Eye protection: Goggles giving complete protection to eyes.

Skin and body protections: Chemical resistant apron / flame retardant antistatic protective clothing, heavy duty work shoes.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end workday. Keep away from food, drink.



9. PHYSICAL AND CHEMICAL PROPERTIES

Form, Color and Odor : liquid, Colorless , Characteristic	Evaporation rate : N/A
Melting Point : N/A	Specific gravity : 1.020-1.025 g/cm ³ at 20 °C
pH : N/A	Solubility in water : Soluble
Boiling point : 228 °C	Viscosity : N/A
Vapour pressure : <0.1 kPa (0.75 mmHg) at 21 °C	Vapour density (air=1) : N/A
Lower explosive limits : N/A	Upper explosive limits : N/A
Auto-ignition temperature : N/A	Flash point: 138 °C
Odour threshold: N/A	Flammability (solid, gas): N/A
Decomposition temperature: N/A	Solubility in other solvents: N/A
n-octanol/water partition coefficient (log P_{ow}): N/A	

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Reactions: No data available

Possibility of Hazardous Reactions: No data available

Conditions to avoid: No data available

Materials to avoid: Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents

Hazardous decomposition products: No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD50 Oral - rat – >2,000 mg/kg

Sensitization: No data available

Chronic toxicity: No data available

Further toxicological information: No data available

12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish: No data available



Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae No data available

Toxicity to bacteria No data available

Biodegradability Remarks: No data available

Bioaccumulative Potential: No data available

Mobility: No data available

Affected in any other way: No data available

13. DISPOSAL CONSIDERATIONS

Material Disposal: Offer surplus and non-recyclable solutions to a licensed disposal company.

Container Disposal: Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/ADNR

No data available

IMGD

No data available

IATA

No data available

15. REGULATORY INFORMATION

GHS-Labeling

Hazard statement(s):

no data available

Precautionary statement(s):

no data available

R - phrase(s):

no data available

S - phrase(s):

no data available



16. Other Information

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