
SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: DIPROPYLENE GLYCOL
- Datasheet Number: DIPROPYLENE GLYCOL
- Chemical Name: DIPROPYLENE GLYCOL
- Synonyms: Oxydipropanol propanol|Oxybispropanol
- REACH Registration No.: 01-2119456811-38-XXXX
- CAS No.: 25265-71-8
- EC No.: 246-770-3

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

Uses - Humectant and solvent in Fragrances, Cosmetics, Personal Care - Lubricants - Agrochemicals - Coatings - Manufacture and Formulation - Laboratory chemical and Industrial Use.

Not recommended where human eye exposure is possible such as theatrical mists and antifreeze solutions for eyewash stations.

1.3 Details of the supplier of the safety data sheet

- Craftovator Studio
- Imperial Supply Ltd. Common Lane,
Industrial Estate, Kenilworth, CV8
2EL
- Phone: +44 1926 291009
- Email info@craftovator.co.uk

- 1.4 Emergency telephone number - Office hours: +44 1926 291009
- After Hours Mobile:

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- The product is not classified as hazardous according to directive 1999/45/EEC

2.2 Label elements

- None
- Hazard statements
Not classified
- Precautionary statements
Do not get in eyes, on skin, or on clothing.
Do not eat, drink or smoke when using this product.
- Risk Phrases

SECTION 2: Hazards identification (....)

Not applicable

- Safety Phrases
After contact with skin, wash immediately with plenty of soap and water
Avoid contact with skin and eyes

2.3 Other hazards

- Mildly irritating to eyes
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SECTION 3: Composition/information on ingredients

3.2 Mixtures

- DIPROPYLENE GLYCOL
Concentration: >98%
CAS Number: 25265-71-8
EC Number: 246-770-3
H Statements:
Symbols:
-

SECTION 4: First aid measures

4.1 Description of first aid measures

- If substance has got into eyes, immediately wash out with plenty of water
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- Mildly irritating to skin and eyes
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

- Mildly irritating to skin and eyes

4.3 Indication of any immediate medical attention and special treatment needed

None known

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
- Unsuitable extinguishing media - High Volume Water Jet

5.2 Special hazards arising from the substance or mixture

- Vapours may ignite

5.3 Advice for firefighters

- If exposed to fire toxic gasses may be formed
 - Wear full protective clothing including chemical protection suit
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

SECTION 6: Accidental release measures (....)

- Wear protective clothing.

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Collect as much as possible in clean container for reuse or disposal
- Wash thoroughly after dealing with spillage

6.4 Reference to other sections

- See Section 7 for information on safe handling.
 - See Section 8 for information on personal protective equipment.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- The usual precautions for handling chemicals should be observed
- Keep away from heat and sources of ignition

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from oxidising substances
- Keep away from strong acids
- Keep cool. Protect from sunlight.

7.3 Specific end use(s)

- See Section 1
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- DNEL (dermal): 84 mg/kg
- DNEL (inhalational): 238 mg/m³
- Note - DNEL values are for Workers only not consumers
- PNEC 0.1 mg/l freshwater
- PNEC 0.01 mg/l seawater
- PNEC 0.238 mg/kg freshwater

8.2 Exposure controls

- No special precautions are required for this product but if vapour levels exceed the WEL respiratory protection will be required.
- Chemical gloves, goggles and appropriate skin protection should be worn when handling

8.3 Occupational exposure controls

- Wear suitable protective clothing
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Slight smell of alcohol
 - Appearance: Clear Liquid
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SECTION 9: Physical and chemical properties (....)

- Boiling point 227 °C at 760 mm /Hg
- Vapour pressure 0.0013 hPa at 25 deg C
- Vapour density (air = 1): 4.6
- Melting point < minus 20 °C
- Completely soluble in water
- Relative Density 1.02 at 20°C
- Flash point 130 deg C
- Auto-ignition temperature 332 deg C
- Partition coefficient : n-Octanol/water 0.462
- Viscosity 118 centistokes at 20 deg C

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

- Stable under normal temperature conditions and recommended use

10.2 Chemical stability

- Stable at normal temperature conditions and recommended use.
- Hygroscopic

10.3 Possibility of hazardous reactions

- This material is not hazardous

10.4 Conditions to avoid

- Avoid contact with oxidising substances
- Avoid contact with strong acids

10.5 Incompatible materials

- Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- LD50 (oral,rat): >5000 mg/kg
- LD50 (skin,rabbit): >5010 mg/kg
- LC50 (inhalation,rat): 2.34 mg/l/4h
- Not hazardous

- Inhalation
Not hazardous

- Contact with skin
Not hazardous

- Contact with eyes
May cause irritation

- Ingestion
Not hazardous

SECTION 11: Toxicological information (....)

- Carcinogenicity
No evidence of carcinogenic effects
 - Teratogenicity
No evidence of reproductive effects
 - Mutagenicity
No evidence of mutagenic effects
No evidence of reproductive effects
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SECTION 12: Ecological information

12.1 Toxicity

- LC50 (fish): >1000 mg/l (96 hr)
- EC50 (Daphnia magna): >100 mg/l (48 hr)
- IC50 (algae): >100 mg/l (72 hr)

12.2 Persistence and degradability

- Readily biodegradable

12.3 Bioaccumulative potential

- Low bioaccumulation potential

12.4 Mobility in soil

- Completely soluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other adverse effects

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Incineration by an approved method could be considered
 - To be disposed of as hazardous waste
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SECTION 14: Transport information

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

14.8 Emergency Action Code

SECTION 14: Transport information (....)

- Proper Shipping Name:
- EAC:

14.9 Road/Rail (ADR/RID)

- Proper Shipping Name:
- ADR UN No.:
- ADR Hazard Class:
- ADR Item No.:
- ADR/RID No.:
- Tremcard:
- Tunnel Code:

14.10 Sea (IMDG)

- Proper Shipping Name:
- IMDG UN No.:
- IMDG Hazard Class:
- IMDG Page No.:
- IMDG Pack Group.:
- IMDG EmS:
- IMDG MFAG:

14.11 Air (ICAO/IATA)

- Proper Shipping Name:
- ICAO UN No.:
- ICAO Hazard Class:
- ICAO Packing Group:

14.12 DOT / CFR (US Department of Transportation)

- DOT Proper Shipping Name:
 - Hazardous Material:
 - Hazard Class:
 - Identification Number:
 - Product RQ (lbs):
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SECTION 15: Regulatory information

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

- Not hazardous according to current ADR Regulations

15.2 Chemical safety assessment

A chemical safety assessment has been carried out.

SECTION 16: Other information

DISCLAIMER This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information

SECTION 16: Other information (....)

for his own particular use.

--- end of safety datasheet ---
