



# DIPROPYLENE GLYCOL

## Product Safety Information Sheet

A safety data sheet is not required for this product under Article 31 of REACH. This Product Safety Information Sheet has been created on a voluntary basis  
Reference number: DIPROPYLENE GLYCOL  
Issue date: 9/22/2020 Revision date: 9/22/2020 Supersedes version of: 9/12/2011 Version: 5.0

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

#### 1.1. Product identifier

Product form : Substance  
Substance name : DIPROPYLENE GLYCOL  
EC-No. : 246-770-3  
CAS-No. : 25265-71-8  
REACH registration No : 01-2119456811-38  
Product code : DIPROPYLENE GLYCOL

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

##### 1.2.1. Relevant identified uses

No additional information available

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of product safety information sheet

INTERCHIMIE  
ZAC du Parc  
13 rue Louis Blériot  
FR- 77290 COMPANS  
T T: +33 (0)1 64 77 76 27  
[qualite@interchimie.fr](mailto:qualite@interchimie.fr) - [www.interchimie.fr](http://www.interchimie.fr)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

**Adverse physicochemical, human health and environmental effects**

No additional information available

#### 2.2. Label elements

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

No labelling applicable

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

CAS-No. : 25265-71-8  
EC-No. : 246-770-3

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Name	Product identifier	%
Dipropylene glycol	(CAS-No.) 25265-71-8 (EC-No.) 246-770-3 (REACH-no) 01-2119456811-38	≥ 99

### 3.2. Mixtures

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: This product is not considered to be hazardous.
First-aid measures after inhalation	: Allow affected person to breathe fresh air. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash with soapy water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist if irritation persists.
First-aid measures after ingestion	: Rinse mouth out with water. Give water to drink if victim completely conscious/alert. Get medical advice/attention if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: May cause respiratory irritation. Headache.
Symptoms/effects after skin contact	: Rednesses.
Symptoms/effects after eye contact	: Redness, pain.
Symptoms/effects after ingestion	: Large amounts: Ingestion may cause nausea and vomiting.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide. Foam. Dry powder.
Unsuitable extinguishing media	: Do not use a heavy water stream. Water.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon dioxide. Carbon monoxide.
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### 5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment.
Other information	: Prevent fire fighting water from entering the environment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Spill area may be slippery. Evacuate area. No open flames. No smoking.
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#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : This product is not considered to be hazardous. Provide the tank with earthing.  
Hygiene measures : Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from moisture. Heat sources. Keep away from ignition sources.  
Packaging materials : Do not use : Zinc.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

DIPROPYLENE GLYCOL (25265-71-8)	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	84 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	238 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	24 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	70 mg/m <sup>3</sup>
Long-term - systemic effects, dermal	51 mg/kg bodyweight/day
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.1 mg/l
PNEC aqua (marine water)	0.01 mg/l
PNEC aqua (intermittent, freshwater)	1 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0.138 mg/kg dwt
PNEC sediment (marine water)	0.0238 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	0.0253 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	313 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1000 mg/l

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### 8.2. Exposure controls

#### Hand protection:

Protective gloves made of rubber. Protective gloves made of PVC

#### Eye protection:

Safety glasses. EN 166

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous liquid.
Colour	: Colourless.
Odour	: odourless. alcohol odour.
Odour threshold	: No data available
pH	: 7 – 8.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: < -20 °C
Freezing point	: No data available
Boiling point	: 227 °C 938.6 hPa
Flash point	: 130 °C 988.8 hPa
Auto-ignition temperature	: 332 989.6 hPa; 1001.8 hPa
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 0.013 hPa (25°C)
Relative vapour density at 20 °C	: 1.02
Relative density	: No data available
Relative density of saturated gas/air mixture	: 4.6
Solubility	: completely soluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Partition coefficient n-octanol/water (Log Kow)	: -0.462 données d'essai; équivalent à OCDE 107; 21.7°C
Viscosity, kinematic	: 118 mm <sup>2</sup> /s (20°C)
Viscosity, dynamic	: 0.12 Pa·s (20°C)
Explosive properties	: No dangerous reactions known.
Oxidising properties	: No dangerous reactions known.
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is stable at normal handling and storage conditions.

### 10.2. Chemical stability

Hydroscopic.

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### 10.3. Possibility of hazardous reactions

May react violently with oxidants.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

Strong oxidizing agents. Water.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. fume.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### DIPROPYLENE GLYCOL (25265-71-8)

LD50 oral rat	> 5000 mg/kg équivalent OCDE 401
LD50 dermal rabbit	> 5010 mg/kg équivalent OCDE 402
LC50 Inhalation - Rat	2.34 mg/kg équivalent OCDE 403

Skin corrosion/irritation : May cause slight irritation to the skin  
pH: 7 – 8.5  
Serious eye damage/irritation : Not classified  
pH: 7 – 8.5  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

#### DIPROPYLENE GLYCOL (25265-71-8)

NOAEL (chronic, oral, animal/male, 2 years)	2330 mg/kg bodyweight OCDE 453
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Reproductive toxicity : Not classified

#### DIPROPYLENE GLYCOL (25265-71-8)

NOAEL (animal/male, F0/P)	1200 mg/kg bodyweight 9 jours (équivalent OCDE 414)
NOAEL (animal/female, F0/P)	10100 mg/kg bodyweight NOAEL (P) 140 jours (équivalent OCDE 416)

STOT-single exposure : Not classified

#### DIPROPYLENE GLYCOL (25265-71-8)

NOAEL (oral, rat)	470 mg/kg bodyweight OCDE (105 semaines)
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STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

#### DIPROPYLENE GLYCOL (25265-71-8)

Viscosity, kinematic	118 mm <sup>2</sup> /s (20°C)
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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

#### DIPROPYLENE GLYCOL (25265-71-8)

LC50 fish 1	> 1000 mg/l 96h - Oryzias latipes
EC50 Daphnia 1	> 100 mg/l 48h
EC50 72h algae (1)	> 100 mg/l 72h - OCDE 201 - Desmodemus subspicatus
NOEC chronic algae	> 100 mg/l 72h - OCDE 201 - Desmodemus subspicatus

#### 12.2. Persistence and degradability

#### DIPROPYLENE GLYCOL (25265-71-8)

Persistence and degradability	Biodegradable.
Biodegradation	93.4 % 28 jours - OCDE 301F

#### 12.3. Bioaccumulative potential

#### DIPROPYLENE GLYCOL (25265-71-8)

Partition coefficient n-octanol/water (Log Kow)	-0.462 données d'essai; équivalent à OCDE 107; 21.7°C
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#### 12.4. Mobility in soil

#### DIPROPYLENE GLYCOL (25265-71-8)

Partition coefficient n-octanol/water (Log Koc)	0.78 valeur calculée
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#### 12.5. Results of PBT and vPvB assessment

#### DIPROPYLENE GLYCOL (25265-71-8)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
European List of Waste (LoW) code	: 07 01 04* - other organic solvents, washing liquids and mother liquors 15 01 10* - packaging containing residues of or contaminated by dangerous substances

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

#### Inland waterway transport

Not regulated

#### Rail transport

Not regulated

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

DIPROPYLENE GLYCOL is not on the REACH Candidate List

DIPROPYLENE GLYCOL is not on the REACH Annex XIV List

DIPROPYLENE GLYCOL is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

DIPROPYLENE GLYCOL is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

##### Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to VwVwS, Annex 3; ID No. 3419)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting : The substance is not listed

giftige stoffen – Vruchtbaarheid

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NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : The substance is not listed

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out

### SECTION 16: Other information

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Data sources : This MSDS has been established with data of MSDS coming from upstream suppliers.

SDS EU (REACH Annex II)