



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

1.3. Data of the supplier of the safety data sheet.

Supplier:	Stansfield's Fragrance Oils Ltd
Address:	Unit 14a Ipark Industrial Estate, Innovation Drive, Hull, HU5 1SG
Phone:	01482 447272
E-mail address of the responsible person:	info@stansfields.shop
In case of emergency:	07921 236290
Further information obtainable from:	

1.4. Emergency telephone number.

Contact us as above (Not 24 hours)

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 According to EC 1272/2008.

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	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

Section 3. Composition/Information on Ingredients

3.2 Mixtures.

<u>Dipropylene Glycol</u>	
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 fire-fighters.

If exposed to fire toxic gasses may be formed

Wear full protective clothing including chemical protection suit

Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures.

Wear protective clothing.

6.2 Environmental precautions: Dilute with plenty of water.

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.

Section 7. Handling & 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.

Storage:

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Requirements to be met by storerooms and receptacles:

Provide solvent resistant, sealed floor. Prevent any seepage into the ground. Use only receptacles specifically permitted for this substance/product. Unsuitable material for receptacle: aluminium.

Information about storage in one common storage facility:

Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.

Further information about storage conditions:

Keep container tightly sealed.

7.3 Specific end use(s).

See Section 1.



Section 8. Exposure Controls / Personal Protection

8.1 Control parameters.

DNEL (dermal):	84 mg/kg
DNEL (inhalational):	238 mg/m ³
<i>Note - DNEL values are for Workers only not consumers</i>	
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.

Section 9. Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Odour	Slight smell of alcohol
Appearance	Clear Liquid
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 & 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



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
Carcinogenicity	No evidence of carcinogenic effects
Teratogenicity	No evidence of reproductive effects
Mutagenicity	No evidence of mutagenic effects No evidence of reproductive effects

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

Section 14. Transport Information

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packaging 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

Proper Shipping Name:

EAC:

14.9 Road/Rail (ADR/RID)

Proper Shipping Name:

ADR UN No.:

ADR Hazard Class:

ADR Item No.:

MSDS – Dipropylene Glycol

Revision Date 22.12.16



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):

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 for his own particular use.