

DIPHENYL OXIDE

Revision date: 30-03-2022

Version: 3.4/GHS/EN

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1. Identification of the substance/mixture

Trade name: DIPHENYL OXIDE
Substance name: DIPHENYL ETHER
CAS Number: 101-84-8
CE Number: 202-981-2

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

Raw material for the manufacture of fragrances.

1.3. Details of the supplier of the safety data sheet

Company: Wrennetósto-VVOeSn tPótse.S LAtd.
Address: C30a rBriotepeoralisR eSatrle,1e2t,0 0B3-01B Matrix Building
01388966701S, aSnintgJaupsotrDeesvern-Barcelona-SPAIN
Telephone: ((0000 6354)) 9903484 5730564210
Fax: (00 34) 934 733 010
E-mail: iinfos@invgeanptosre.c@omventos.com

1.4. Emergency telephone number

NCEC (+44) 1865 407333 (24h)
NCEC (+34) 91 114 2520 (24h) (ES)
NCEC (+1) 202 464 2554 (24h) (USA, Canada)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Acute Toxicity - Category 5 (oral) - H303
Skin Irritant - Category 3 - H316
Eye Irritant - Category 2 - H319
Hazardous to the aquatic environment, short-term (acute) - Category 1 - H400
Hazardous to the aquatic environment, long-term (chronic) - Category 3 - H412

2.2. Label Elements

Hazard pictograms:



Signal Word:

Warning

Hazard statements:

H303 - May be harmful if swallowed.
H316 - Causes mild skin irritation.
H319 - Causes serious eye irritation.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338+P337+P313 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P391 - Collect spillage.

2.3. Other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Chemical name: DIPHENYL ETHER
CAS number: 202-981-2
EC number:

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Hazardous constituents:

Chemical Name	% (w/w)	CAS No. EC No.	Classification according to GHS
DIPHENYL ETHER	≥ 50	101-84-8 202-981-2	Acute Toxicity - Category 5 (oral) - H303 Skin Irritant - Category 3 - H316 Eye Irritant - Category 2A - H319 Hazardous to the aquatic environment, short-term (acute) - Category 1 - H400 Hazardous to the aquatic environment, long-term (chronic) - Category 3 - H412

See the full text of the hazard statements in section 16.

3.2. Mixtures

Not applicable.

4. FIRST-AID MEASURES

4.1. Description of necessary first aid measures

Ingestion: Rinse mouth with water.
Obtain medical advice.
Keep at rest. Do not induce vomiting.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice.

Inhalation: Remove person to fresh air and keep at rest.
Seek immediate medical advice.

Skin contact: Take off immediately all contaminated clothing.
Thoroughly wash affected skin with soap and water.
Seek medical attention if symptoms persist.

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

No information available.

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

No information available.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.
For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Known or Anticipated Hazardous Products of Combustion: Emits toxic fumes under fire conditions.

5.3. Advice for firefighters

High temperatures can lead to high pressures inside closed containers.
Avoid inhalation of vapors that are created. Use appropriate respiratory protection.
Do not allow spillage of fire to be poured into drains or watercourses.
Wear self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate surrounding areas. Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering.
Do not breathe vapor/spray. Avoid contact with skin and eyes. Information regarding personal protective measures: see section 8.

6.2. Environmental precautions

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or groundwaters.

6.3. Methods and materials for containment and cleaning up

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).
Place in covered containers using non-sparking tools and transport outdoors.
Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater).
Ventilate area and wash spill site after material pickup is complete.

6.4. Reference to other sections

Information regarding exposure controls, personal protection and disposal considerations can be found in sections 8 and 13.

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Vapour Density:	Not determined	Not
Density:	determined	Not
Relative density:	determined	
Water solubility:	INSOLUBLE IN WATER	
Solubility in other solvents:	SOLUBLE IN ETHANOL	
Partition coefficient n-octanol/water:	Not determined 239°C	
Auto-ignition temperature:	Not determined	Not
Decomposition temperature:	determined	Not
Viscosity, dynamic:	determined	Not
Viscosity, kinematic:	determined	NONE
Explosive properties:	EXPECTED	
Oxidising properties:		

10. STABILITY AND REACTIVITY

10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

10.4. Conditions to Avoid

Conditions to Avoid: Excessive heat, flame or other ignition sources.

10.5. Incompatible materials

Avoid contact with strong acids and bases and oxidizing agents.

11. TOXICOLOGICAL INFORMATION

10.6. Hazardous decomposition products

Decomposition products	May be identified as follows: Crystalline	Causes mild skin irritation. Causes
Acute toxicity	form crystals	serious eye irritation. Based on the data available, the criteria for
Corrosion/irritation	Skin	classification are not met. Based on the data available, the criteria for
Damage/irritation	Respiratory or	classification are not met. Based on the data available, the criteria for
skin sensitisation	Germ cell	classification are not met. Based on the data available, the criteria for
mutagenicity	Carcinogenicity	classification are not met. Based on the data available, the criteria for
Reproductive toxicity	ST01-	classification are not met. Based on the data available, the criteria for
single exposure	ST01-repeated	classification are not met. Based on the data available, the criteria for
exposure	Aspiration hazard	classification are not met. Based on the data available, the criteria for
		classification are not met.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Assessment:

Very toxic to aquatic life with long lasting effects.

Experimental/calculated data:

No information available.

12.2. Persistence and degradability

Biodegradation : 76%. (OECD 301D).

The product is readily biodegradable

12.3. Bioaccumulative potential

No information available.

12.4. Soil mobility

No information available.

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12.5. Other adverse effects

See also sections 6, 7, 13 and 15

Do not allow to get into waste water or waterways.

13. DISPOSAL CONSIDERATIONS
13.1. Waste treatment methods

Dispose of in accordance with national and local environmental regulations.

14. TRANSPORT INFORMATION

	ADR/RID/ADN	IMDG	IATA-ICAO
14.1. UN Number	UN3082	UN3082	UN3082
14.2. UN Proper Shipping Name	ENVIRONMENTALLYHAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPHENYL ETHER)	ENVIRONMENTALLYHAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPHENYL ETHER)	ENVIRONMENTALLYHAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIPHENYL ETHER)
14.3. Transport Hazard Class(es)	9	9	9
14.4. Packing Group	III	III	III
14.5. Environmental hazards	Yes	Yes	Yes
Additional information			

14.6 Special precautions for user

None known

14.7. Maritime transport in bulk according to IMO instruments

No information available

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

No information available

16. OTHER INFORMATION
Full text of the R-phrases, hazard statements and precautionary statements mentioned in section 3:

H303 – May be harmful if swallowed.

H316 – Causes mild skin irritation.

H319 – Causes serious eye irritation.

H400 – Very toxic to aquatic life.

H412 – Harmful to aquatic life with long lasting effects.

The information included in this safety data sheet is based on the available data at the moment this document is issued. It is meant to be a description of safety requirements for our product and does not stand for a guarantee of its properties. The user is responsible for taking all necessary steps leading to compliance with local rules and legislation.