

Visirub conc.

Version	Revision Date:	SDS Number:	Date of last issue: 20.02.2024
1.14	26.06.2026	R11243	Date of first issue: 03.06.2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Visirub conc.

Manufacturer or supplier's details

Manufacturer : BODE Chemie GmbH
Melanchthonstraße 27
22525 Hamburg (Germany)
Tel.: +49 (0)40 / 54 00 60

Supplier :

Organisation that prepared the SDS : sds@bode-chemie.de

Emergency telephone number : Poison Center Göttingen
24h-Phone +49 (0)551 / 1 92 40

Recommended use of the chemical and restrictions on use

Recommended use : In-door use
For further information, refer to the product technical data sheet.

Restrictions on use : Restricted to professional users.

2. HAZARDS IDENTIFICATION

GHS Classification

Specific target organ toxicity - single exposure : Category 3

Flammable liquids : Category 2

Serious eye damage/eye irritation : Category 2A

GHS label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements : **Prevention:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing vapours.

Response:
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

Visirub conc.

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Ethanol	64-17-5	>= 50 - < 70
Propan-2-ol	67-63-0	>= 20 - < 30

4. FIRST AID MEASURES

General advice : If you feel unwell, seek medical advice (show the label where possible).
In case of skin contact : No skin irritation
In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.
If swallowed : Do NOT induce vomiting.
Rinse mouth.
Most important symptoms and effects, both acute and delayed : Causes serious eye irritation.
May cause drowsiness or dizziness.
Notes to physician : For specialist advice physicians should contact the Poisons Information Service.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Hazardous combustion products : No hazardous combustion products are known
Specific extinguishing methods : Standard procedure for chemical fires.
Special protective equipment for firefighters : Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Should not be released into the environment.
Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).

7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.
Advice on safe handling : Avoid contact with eyes.
Conditions for safe storage : Store in original container.
Keep tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of expo-	Control parameters / Permissible concen-	Basis
------------	---------	------------------------------	---	-------

Visirub conc.

		sure)	tration	
Ethanol	64-17-5	STEL	1.000 ppm	ACGIH
Propan-2-ol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
Propan-2-ol	67-63-0	Acetone	Urine	End of shift at end of workweek	40 mg/l	ACGIH BEI

Personal protective equipment

Protective measures : Not required because of small size of the container.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Keep away from food and drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : green

Odour : alcohol-like

Odour Threshold : not determined

pH : 7,5

Melting point/ range : not determined

Boiling point/boiling range : > 80 °C

Flash point : 20 °C

Method: DIN 51755 Part 1

Flammability (solid, gas) : not auto-flammable

Lower explosion limit / Lower flammability limit : 3,5 %(V)

Vapour pressure : No data available

Density : 0,9 g/cm³ (20 °C)

Solubility(ies)

Water solubility : completely miscible

Solubility in other solvents : not determined

Partition coefficient: n-octanol/water : Not applicable

Viscosity

Viscosity, kinematic : No data available

Molecular weight : Not applicable

Visirub conc.

10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	The product is chemically stable.
Possibility of hazardous reactions	:	None reasonably foreseeable.
Conditions to avoid	:	Heat, flames and sparks. Strong sunlight for prolonged periods.
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Components:

Ethanol (CAS: 64-17-5):

Acute oral toxicity	:	LD50 Oral (Rat): 10.470 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	:	LC50 (Rat): 124,7 mg/l Exposure time: 4 h Test atmosphere: vapour Method: OECD Test Guideline 403

Propan-2-ol (CAS: 67-63-0):

Acute oral toxicity	:	LD50 Oral (Rat): > 5.000 mg/kg
Acute dermal toxicity	:	LD50 Dermal (Rabbit): > 5.000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:

Ethanol (CAS: 64-17-5):

Species	:	human skin
Result	:	Mild skin irritation
Remarks	:	Based on available data, the classification criteria are not met.

Propan-2-ol (CAS: 67-63-0):

Species	:	Rabbit
Result	:	No skin irritation

Serious eye damage/eye irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Components:

Ethanol (CAS: 64-17-5):

Species	:	Rabbit
Method	:	OECD Test Guideline 405
Result	:	Irritating to eyes.

Visirub conc.

Propan-2-ol (CAS: 67-63-0):

Species : Rabbit
Result : Eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

Ethanol (CAS: 64-17-5):

Species : Mouse
Method : OECD Test Guideline 429
Result : Does not cause skin sensitisation.

Propan-2-ol (CAS: 67-63-0):

Test Type : Buehler Test
Species : Guinea pig
Result : Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Not classified based on available information.

Components:

Propan-2-ol (CAS: 67-63-0):

Genotoxicity in vitro : Test Type: Ames test
Metabolic activation: with and without metabolic activation
Result: negative

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

May cause drowsiness or dizziness.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

No data available

Aspiration toxicity

Not classified based on available information.

Experience with human exposure

No data available

Experience with human exposure

No data available

Neurological effects

No data available

Visirub conc.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Ethanol (CAS: 64-17-5):

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 11.200 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 9.268 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

NOEC (Chlorella vulgaris (Fresh water algae)): 9,6 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

Propan-2-ol (CAS: 67-63-0):

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 8.692 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 2.285 mg/l
Exposure time: 48 h

NOEC (Daphnia magna (Water flea)): 141 mg/l
Exposure time: 16 d

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 10.500 mg/l
Exposure time: 72 h

Persistence and degradability

Components:

Ethanol (CAS: 64-17-5):

Biodegradability : Result: Readily biodegradable.

Propan-2-ol (CAS: 67-63-0):

Biodegradability : Result: rapidly biodegradable

Bioaccumulative potential

Components:

Ethanol (CAS: 64-17-5):

Partition coefficient: n-octanol/water : log Pow: -0,35

Propan-2-ol (CAS: 67-63-0):

Partition coefficient: n-octanol/water : log Pow: 0,05

Visirub conc.

Mobility in soil

Components:

Propan-2-ol (CAS: 67-63-0):

Distribution among environmental compartments : Remarks: Mobile in soils

Other adverse effects

Endocrine disrupting properties

No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of as hazardous waste in compliance with local and national regulations.
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging : Empty remaining contents.
Store containers and offer for recycling of material when in accordance with the local regulations.

14. TRANSPORT INFORMATION

ADR

UN number : UN 1987
Proper shipping name : ALCOHOLS, N.O.S.
(ethanol, propan-2-ol)

Class : 3
Packing group : II
Labels : 3
Hazard Identification Number : 33
Tunnel restriction code : (D/E)
Environmentally hazardous : no

UNRTDG

UN number : UN 1987
Proper shipping name : ALCOHOLS, N.O.S.
(ethanol, propan-2-ol)

Class : 3
Packing group : II
Labels : 3
Environmentally hazardous : no

IATA-DGR

UN/ID No. : UN 1987
Proper shipping name : Alcohols, n.o.s.
(ethanol, propan-2-ol)

Class : 3
Packing group : II
Labels : Flammable Liquids
Packing instruction (cargo aircraft) : 364
Packing instruction (passenger aircraft) : 353

IMDG-Code

UN number : UN 1987
Proper shipping name : ALCOHOLS, N.O.S.
(ethanol, propan-2-ol)

Visirub conc.

Class : 3
Packing group : II
Labels : 3
EmS Code : F-E, S-D
Marine pollutant : no

Transport in bulk according to IMO instruments

Not applicable for product as supplied.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

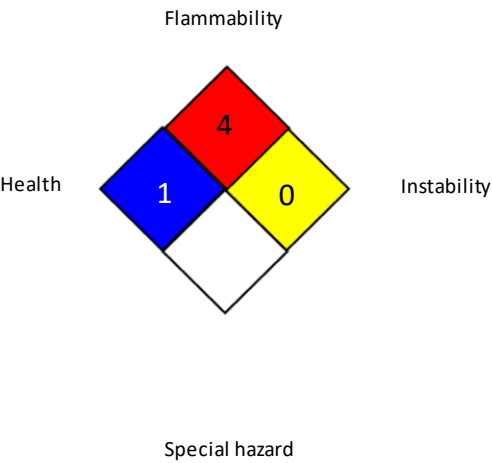
Revision Date : 26.06.2026
Date format : yyyy/mm/dd

Safety datasheet sections which have been updated:

- 5. Firefighting measures
- 6. Accidental release measures
- 15. Regulatory information

Further information

NFPA:



HMIS® IV / CED:

HEALTH	/	1
FLAMMABILITY		4
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "/" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI : ACGIH - Biological Exposure Indices (BEI)

ACGIH / TWA : 8-hour, time-weighted average
ACGIH / STEL : Short-term exposure limit

Visirub conc.

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); LSPN - List of Hazardous Notified Substances (Chile); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

TC / EN