

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

CONTEC BRAKE PREP D

Creation date	03. March 2017	Version	6.0
Revision date	30. November 2019		

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

- 1.1. Product identifier**
Substance / mixture
Number
- CONTEC BRAKE PREP D
mixture
0.356.912/6; 0.356.913/4
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Mixture uses advised against
- The product is intended for sale to the consumer and the professional/industrial use.
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
- Distributor**
Name or trade name
Address
VAT Reg No
Phone
E-mail
Web address
- Hermann Hartje KG
Deichstraße 120-122, Hoya/Waser, 27318
Germany
DE116162847
0049/4251/811-20
rene.preuss@hartje.de
www.hartje.de
- Manufacturer**
Name or trade name
Address
Identification number (CRN)
VAT Reg No
Phone
E-mail
Web address
- Nacházel, s.r.o.
Průmyslová 11/1472, Praha 10 - Hostivař, 10219
Czech Republic
25734458
CZ25734458
222 351 140
maziva@nachazel.cz
www.nachazel.cz
- Competent person responsible for the safety data sheet**
Name
E-mail
- Ing. Zdeněk Nacházel
ing.zdenek@nachazel.cz
- 1.4. Emergency telephone number**
National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111
112



SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Acute Tox. 4, H302
Eye Irrit. 2, H319
Repr. 2, H361d

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment

Suspected of damaging the unborn child. Harmful if swallowed. Causes serious eye irritation.

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2.2. Label elements

Hazard pictogram



Signal word

Warning

Hazardous substances

2,2' -oxybisethanol
2-(2-methoxyethoxy)ethanol

Hazard statements

H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H361d Suspected of damaging the unborn child.

Precautionary statements

P102 Keep out of reach of children.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container to be handed over to the person authorized to dispose of waste or by returning to the supplier.

Supplemental information

EUH 208 Contains 4,4'-isopropylidenediphenol. May produce an allergic reaction.

Requirements for child-resistant fastenings and tactile warning of danger

Container must carry a tactile warning of danger.

2.3. Other hazards

Mixture does not contain any substance that meets the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
Index: 603-140-00-6 CAS: 111-46-6 EC: 203-872-2 Registration number: 01-2119457857-21	2,2' -oxybisethanol	<30	Acute Tox. 4, H302	1
Index: 603-183-00-0 CAS: 143-22-6 EC: 205-592-6 Registration number: 01-2119475107-38	2-[2-(2-Butoxyethoxy)ethoxy]ethanol	10-<30	Eye Dam. 1, H318 Specific concentration limit: Eye Dam. 1, H318: $C \geq 30\%$ Eye Irrit. 2, H319: $20\% \leq C < 30\%$	
Index: 603-107-00-6 CAS: 111-77-3 EC: 203-906-6	2-(2-methoxyethoxy)ethanol	<5	Repr. 2, H361d	1, 3

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008		Note.
Index: 603-096-00-8 CAS: 112-34-5 EC: 203-961-6 Registration number: 01-2119475104-44-0006	2-(2-butoxyethoxy)ethanol	<3	Eye Irrit. 2, H319		1, 3
Index: 604-030-00-0 CAS: 80-05-7 EC: 201-245-8	4,4'-isopropylidenediphenol	<0,2	Skin Sens. 1, H317 Eye Dam. 1, H318 STOT SE 3, H335 Repr. 2, H361f		1, 2, 3

Notes

- 1 Substance for which exposure limits of Community for working environment exist.
- 2 Substance of very high concern - SVHC.
- 3 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists. Note: If the product sticks to the skin and cannot be removed using water and cleaning products or edible oil, do not use force and leave for specialized treatment.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible. Note: If the product sticks to the skin of the eyelids and cannot be removed using water, do not use force and leave for specialized treatment.

If swallowed

DO NOT INDUCE VOMITING - even the inducing of vomiting by itself may cause complications (i.e. inhalation of the substance in airways and lungs, for example, in case of detergents and other substances that produce foam or mechanical damage to the mucous membrane of the pharynx may be caused). If possible, provide a small amount of activated carbon (1-2 crushed tablets). For persons with no symptoms, call the Toxicological Information Centre to decide about the need of medical treatment; provide information about the substances or composition of the product from the original packaging or the Safety Data Sheet of the product. Provide medical treatment if the person has any health problems.

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

If inhaled

Not expected. Possible irritation of airways, cough, headache.

If on skin

Not expected.

If in eyes

Not expected.

If swallowed

Irritation, nausea.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

Fire produces heavy, black smoke, with potential development of carbon monoxide and dioxide and other toxic gases. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Use gloves in case of prolonged contact. Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. Dispose of the collected material according to the instructions in the section 13. Upon an escape of large quantities of the product, inform the Fire Department and the Environmental Department of the Municipal Authority with the extended scope of competencies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Obtain special instructions before use. Do not eat, drink or smoke when using this product. Wash hands and exposed parts of the body thoroughly after handling. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Store locked up.

Storage class

12 - Other non-combustible liquids

Content

100ml / 1L

Packaging type

applicator / bottle

Material of package

HDPE (2), High-density (linear) polyethylene (Plastics)



HDPE

min 0 °C, max 40 °C

Storage temperature

7.3. Specific end use(s)

not available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
2-[2-(2-Butoxyethoxy)ethoxy] ethanol (CAS: 143-22-6)	TWA		50 mg/m ³		
	TWA		9 ppm		
2-(2-methoxyethoxy)ethanol (CAS: 111-77-3)	OEL	8 hours	50,1 mg/m ³	Skin	Směrnice Komise 2006/15/E S
	OEL	8 hours	10 ppm	Skin	
2-(2-butoxyethoxy)ethanol (CAS: 112-34-5)	OEL	8 hours	67,5 mg/m ³		EU limits
	OEL	8 hours	10 ppm		
	OEL	Short-term	101,2 mg/m ³		
	OEL	Short-term	15 ppm		
4,4'-isopropylidenediphenol (CAS: 80-05-7)	OEL	8 hours	2 mg/m ³	Inhalable fraction.	Směrnice Komise (EU) 2017/164

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
2,2'-oxybisethanol (CAS: 111-46-6)	WEL	8 hours	101 mg/m ³		Gestis
	WEL	8 hours	23 ppm		
2-(2-methoxyethoxy)ethanol (CAS: 111-77-3)	WEL	8 hours	50,1 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	8 hours	10 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
2-(2-butoxyethoxy)ethanol (CAS: 112-34-5)	WEL	8 hours	67,5 mg/m ³		Gestis
	WEL	Short-term	101,2 mg/m ³		
	WEL	8 hours	10 ppm		
	WEL	Short-term	15 ppm		

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United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
4,4'-isopropylidenediphenol (CAS: 80-05-7)	WEL	8 hours	10 mg/m ³	Inhalable dust	GBR

DNEL

2-(2-butoxyethoxy)ethanol

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Dermal	20 mg/kg bw/day	Systemic chronic effects	
Workers	Inhalation	67.5 mg/m ³	Local chronic effects	
Workers	Dermal	20 mg/kg bw/day	Systemic chronic effects	
Consumers	Inhalation	50.6 mg/m ³	Local acute effects	
Consumers	Oral	1.25 mg/kg bw/day	Systemic chronic effects	
Consumers	Inhalation	34 mg/m ³	Systemic chronic effects	
Workers	Inhalation	101.2 mg/m ³	Local acute effects	

2,2'-oxybisethanol

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Dermal	106 mg/kg bw/day	Systemic chronic effects	
Workers	Inhalation	60 mg/m ³	Systemic chronic effects	
Consumers	Dermal	53 mg/kg bw/day	Systemic chronic effects	
Consumers	Inhalation	12 mg/m ³	Systemic chronic effects	

2-[2-(2-Butoxyethoxy)ethoxy]ethanol

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Dermal	50 mg/kg bw/day	Systemic chronic effects	
Workers	Inhalation	195 mg/m ³	Systemic chronic effects	
Consumers	Oral	2.5 mg/kg bw/day	Systemic chronic effects	
Consumers	Inhalation	117 mg/m ³	Systemic chronic effects	
Consumers	Dermal	25 mg/kg bw/day	Systemic chronic effects	

PNEC

2-(2-butoxyethoxy)ethanol

Route of exposure	Value	Determining method
Drinking water	1 mg/l	
Seawater	0.1 mg/l	
Freshwater sediment	4 mg/kg	
Sea sediments	0.4 mg/kg	
Microorganisms in wastewater treatment plants	200 mg/l	

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2,2'-oxybisethanol

Route of exposure	Value	Determining method
Drinking water	10 mg/l	
Seawater	1 mg/l	
Freshwater sediment	20.9 mg/kg	
Sea sediments	2.09 mg/kg	
Soil (agricultural)	1.53 mg/kg	
Microorganisms in wastewater treatment plants	199.5 mg/l	

2-[2-(2-Butoxyethoxy)ethoxy]ethanol

Route of exposure	Value	Determining method
Freshwater environment	1.5 mg/l	
Seawater	0.15 mg/l	
Freshwater sediment	5.77 mg/kg	
Sea sediments	0.13 mg/kg	
Soil (agricultural)	0.45 mg/kg	
Food chain	111 mg/kg	
Microorganisms in wastewater treatment plants	200 mg/l	

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles. Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Use barrier creams for skin protection, they should, however, not be applied once exposure has occurred. Observe other recommendations of the manufacturer. Other protection: Protective antistatic clothing made of natural fibres (cotton) or synthetic fibres resistant to elevated temperatures.

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	liquid
Physical state	liquid at 20°C
color	transparent yellow
Odour	characteristic
Odour threshold	data not available
pH	7-10.5 (10% solution at 20 °C)
Melting point/freezing point	data not available
Initial boiling point and boiling range	>230 °C
Flash point	>100 °C
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available

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explosive limits	data not available
Vapour pressure	data not available
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	data not available
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Kinematic viscosity	5-10 mm ² /s at 40°C
Explosive properties	data not available
Oxidising properties	data not available
data not available	

9.2. Other information

Density	1.01-1.07 g/cm ³ at 20 °C
ignition temperature	>300 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

The mixture is non-flammable.

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

The product is stable under normal conditions.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents. Thereby a dangerous exothermic reaction will be prevented.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide, heavy smoke and nitrogen oxides are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Harmful if swallowed.

2-(2-butoxyethoxy)ethanol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	3384 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD ₅₀	2700 mg/kg		Rabbit	

2,2'-oxybisethanol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	12565 mg/kg		Rat	
Dermal	LD ₅₀	11890 mg/kg		Rat	
Inhalation (dust/mist)	LC ₅₀	0.13 mg/l	4 hour	Rat (Rattus norvegicus)	

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2,2' -oxybisethanol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	19600 mg/kg bw			

2-[2-(2-Butoxyethoxy)ethoxy]ethanol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD ₅₀	5170 mg/kg bw			
Dermal	LD ₅₀	3540 mg/kg		Rabbit	
Dermal	LD ₅₀	3540 mg/kg bw			
Inhalation (dust/mist)	LC ₅₀	>2.4 mg/l	4 hour		
Oral	LD ₅₀	5170 mg/kg		Rat (Rattus norvegicus)	

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Suspected of damaging the unborn child.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. Based on available data the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Data not available.

2,2' -oxybisethanol

Parameter	Value	Time of exposure	Species	Environment
LC ₅₀	75200 mg/l		Fishes (Oncorhynchus mykiss)	
EC ₅₀	>10000 mg/l	72 hour	Other aquatic organisms	

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2-[2-(2-Butoxyethoxy)ethoxy]ethanol

Parameter	Value	Time of exposure	Species	Environment
LC ₅₀	>2200 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	
EC ₅₀	>500 mg/l	48 hour	Daphnia (Daphnia magna)	
EC ₅₀	>5000 mg/l	16 hour	Other aquatic organisms	
EC ₅₀	2210 mg/l	72 hour	Other aquatic organisms	
ErC ₅₀	2490 mg/l	72 hour	Algae and other aquatic plants	
Log Pow	0.51			
Log Koc	10			

More information

Data not available.

12.2. Persistence and degradability

Biodegradability

2-[2-(2-Butoxyethoxy)ethoxy]ethanol

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301D	85 %	28 day		

The mixture is not biodegradable. The substance is not biodegradable.

12.3. Bioaccumulative potential

Insignificant.

12.4. Mobility in soil

The product is soluble and mobile in water and soil. Contamination of water courses may occur in the event of rain.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

16 01 13 brake fluids *

Packaging waste type code

15 01 10 packaging containing residues of or contaminated by hazardous substances *

15 01 02 plastic packaging

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

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SECTION 14: Transport information

14.1. UN number

Not subject to ADR

14.2. UN proper shipping name

not available

14.3. Transport hazard class(es)

not available

14.4. Packing group

not available

14.5. Environmental hazards

not available

14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

2-(2-methoxyethoxy)ethanol

Restriction	Conditions of restriction
54	Shall not be placed on the market after 27 June 2010, for supply to the general public, as a constituent of paints, paint strippers, cleaning agents, self-shining emulsions or floor sealants in concentrations equal to or greater than 0,1 % by weight.

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4,4'-isopropylidenediphenol

Restriction	Conditions of restriction
30	<p>Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30:</p> <ol style="list-style-type: none"> Shall not be placed on the market, or used, <ul style="list-style-type: none"> as substances, as constituents of other substances, or, in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than: <ul style="list-style-type: none"> either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or, the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008. <p>Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:</p> <p>"Restricted to professional users".</p> <ol style="list-style-type: none"> By way of derogation, paragraph 1 shall not apply to: <ol style="list-style-type: none"> medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC; cosmetic products as defined by Directive 76/768/EEC; the following fuels and oil products: <ul style="list-style-type: none"> motor fuels which are covered by Directive 98/70/EC, mineral oil products intended for use as fuel in mobile or fixed combustion plants, fuels sold in closed systems (e.g. liquid gas bottles); artists' paints covered by Regulation (EC) No 1272/2008; the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date.
66	Shall not be placed on the market in thermal paper in a concentration equal to or greater than 0,02 % by weight after 2 January 2020.

15.2. Chemical safety assessment

It has not been done yet.

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H361f	Suspected of damaging fertility.
H361d	Suspected of damaging the unborn child.

Guidelines for safe handling used in the safety data sheet

P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.

A list of additional standard phrases used in the safety data sheet

EUH 208	Contains 4,4'-isopropylidenediphenol. May produce an allergic reaction.
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Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

CONTEC BRAKE PREP D

Creation date	03. March 2017	Version	6.0
Revision date	30. November 2019		

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC ₅₀	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log K _{ow}	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.	Acute toxicity
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Repr.	Reproductive toxicity
Skin Sens.	Skin sensitization
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

SAFETY DATA SHEET

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Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.