

**CH ANCHOR – komponent B**

Creation date 28. January 2019  
Revision date Version 1.1

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

- 1.1. Product identifier**  
Substance / mixture CH ANCHOR – komponent B  
mixture  
Number RS 12 001
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
mixture's intended use Chemical anchor.  
Mixture uses advised against For professional use only.
- 1.3. Details of the supplier of the safety data sheet**  
**Supplier**  
Name or trade name RETECH, s.r.o.  
Address Vackova 1541/4, Praha 5 - Stodůlky, 155 00  
Czech Republic  
Identification number (CRN) 25018205  
Phone +420327596428  
E-mail info@retech.cz  
Web address www.retech.com
- Competent person responsible for the safety data sheet**  
Name RETECH, s.r.o.  
E-mail info@retech.cz
- 1.4. Emergency telephone number**  
RETECH, Suchdol 212, 285 02 Suchdol u Kutné Hory, Czech Republic; Telephone number: +420 327 596 128 (7.30-16.00 hour)  
Poisoning information centre, Na Bojišti 1, Praha, Czech Republic, Tel.: non-stop +420 224 919 293 or +420 224 915 402, Information on health risks only - acute poisoning of humans and animals.

**SECTION 2: Hazards identification****2.1. Substance or mixture classification****Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Skin Sens. 1, H317  
Eye Irrit. 2, H319

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

**Most serious adverse effects on human health and the environment**

May cause an allergic skin reaction. Causes serious eye irritation.

**2.2. Label elements****Hazard pictogram****Signal word**

Warning

**Hazardous substances**

benzoyl peroxide

**Hazard statements**

H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

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**Precautionary statements**

- P261 Avoid breathing vapours.
- P280 Wear protective gloves/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water and soap.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362 Take off contaminated clothing.
- P501 Dispose of contents/container to in accordance with national regulations.

**2.3. Other hazards**

Mixture does not contain any substance meet 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.
CAS: 94-36-0 EC: 202-327-6 Registration number: 01-2119511472-50	benzoyl peroxide	10-<20	Org. Perox. B, H241 Skin Sens. 1, H317 Eye Irrit. 2, H319	
Registration number: 01-2119535193-44	Reaction mass of diethylene glycol dibenzoate, dipropylene glycol dibenzoate, and triethylene glycol dibenzoate	<5		
CAS: 5444-75-7 EC: 226-641-8	2-Ethylhexyl benzoate	<5	Aquatic Chronic 4, H413	

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**

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. Take care of your own safety.

**Inhalation**

Transfer the affected person to the fresh air and ensure calm environment for body and mind. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance.

**Skin contact**

Remove contaminated clothes. Immediately wash with water and soap and rinse thoroughly. Do not use solvents. Provide medical treatment if skin irritation persists.

**Eye contact**

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 15 minutes. Provide medical treatment, specialized if possible. No neutralization should be performed in any case!

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**Ingestion**

Keep the affected person warm and at rest. Rinse out the mouth with clean water. Do not provide anything by mouth if the person is unconscious or if having cramps. DO NOT INDUCE VOMITING! If possible, provide activated carbon in the amount of 5 crushed tablets. Provide medical treatment. Bring an original container with the label and the Safety Data Sheet of the given substance as appropriate.

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

Not expected.

**Skin contact**

May cause an allergic skin reaction.

**Eye contact**

Causes serious eye irritation.

**Ingestion**

Irritation, nausea. Vomiting.

**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**

Carbon dioxide, powder, water spray jet.

**Unsuitable extinguishing media**

Water - full jet. Foam.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Do not breathe smoke.

**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. Dispose of contaminated extinguishing water and remains after the fire in accordance with the official regulations.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Provide sufficient ventilation. Use personal protective equipment for work. Danger of slipping on spilled product. Remove all ignition sources.

**6.2. Environmental precautions**

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies.

**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.

**6.4. Reference to other sections**

See the Section 7, 8 and 13.

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Ensure good ventilation/exhaustion at the workplace. Do not eat, drink or smoke when using this product. Remove all ignition sources. No smoking. Wash hands and exposed parts of the body thoroughly after handling. After contact with skin, wash immediately with plenty of soap and water, treat with regenerative cream. Use personal protective equipment as per Section 8. Follow the usual measures for health protection at work. Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains.

**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. Protect from moisture. Do not store together with food, drink and animal feed. Keep out of reach of children.

Storage temperature min 5 °C, max 25 °C

**7.3. Specific end use(s)**

not available

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

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

**United Kingdom of Great Britain and Northern Ireland**

Substance name (component)	Type	Time of exposure	Value	Note	Source
benzoyl peroxide (CAS: 94-36-0)	WEL	8 hours	5 mg/m <sup>3</sup>		GBR

**8.2. Exposure controls**

Ensure good ventilation/exhaustion at the workplace. Follow the usual measures intended for health protection at work and especially for good 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. Use barrier creams for skin protection. Prevent contact with eyes. Do not inhale gases and vapours. Do not inhale aerosols.

**Eye/face protection**

It is not needed. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Protective goggles or face shield (based on the nature of the work performed).

**Skin protection**

Hand protection: Protective gloves resistant to the product. Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Protective gloves shall be replaced immediately when damaged. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Material of gloves: Nitrile rubber, NBR. Penetration time of glove material: > 120 min. Material of gloves: Butyl rubber. Penetration time of glove material: > 480 min.

Other protection: Protective antistatic clothing. Wash contaminated clothing before reuse.

**Respiratory protection**

It is not needed. Use a mask with filter when the exposition limits of the substances are exceeded or at the place with insufficient ventilation. Filter A. Filter AX.

**Thermal hazard**

Not available.

**Environmental exposure controls**

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

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**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	paste
Physical state	liquid at 20°C
color	black
Odour	characteristic
Odour threshold	data not available
pH	data not available
Melting point/freezing point	data not available
Initial boiling point and boiling range	data not available
Flash point	116 °C (DIN 53213)
Evaporation rate	non-applicable
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
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	insoluble
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
Explosive properties	data not available
Oxidising properties	data not available
data not available	

**9.2. Other information**

Density	data not available
ignition temperature	data not available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reacts with oxidizing agents.

**10.2. Chemical stability**

The product is stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Reacts with oxidizing agents.

**10.4. Conditions to avoid**

Moisture. Water. Remove all ignition sources.

**10.5. Incompatible materials**

Protect against strong oxidizing agents.

**10.6. Hazardous decomposition products**

Unknown.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

No toxicological data is available for the mixture.

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**Acute toxicity**

Based on available data the classification criteria are not met.

benzoyl peroxide

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD <sub>50</sub>	7710 mg/kg		Rat	
Inhalation	LD <sub>50</sub>	>24.3 mg/l	4 hour	Rat	

**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**

May cause an allergic skin reaction. 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**

Based on available data the classification criteria are not met.

**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**

Based on available data the classification criteria are not met.

**SECTION 12: Ecological information**

**12.1. Toxicity**

**Acute toxicity**

Data for the mixture are not available.

benzoyl peroxide

Parameter	Value	Time of exposure	Species	Environment
LC <sub>50</sub>	2 mg/l	96 hour	Fishes	
EC <sub>50</sub>	2.91 mg/l	48 hour	Invertebrates (Daphnia magna)	

**12.2. Persistence and degradability**

Data not available.

**12.3. Bioaccumulative potential**

Not available.

**12.4. Mobility in soil**

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Not available.

**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**

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.

**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**

08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances

**Packaging waste type code**

15 01 10 packaging containing residues of or contaminated by dangerous substances

**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.

**15.2. Chemical safety assessment**

not available

**SECTION 16: Other information****A list of standard risk phrases used in the safety data sheet**

H241 Heating may cause a fire or explosion.

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- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H413 May cause long lasting harmful effects to aquatic life.

**Guidelines for safe handling used in the safety data sheet**

- P261 Avoid breathing vapours.
- P280 Wear protective gloves/eye protection/face protection.
- P362 Take off contaminated clothing.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P302+P352 IF ON SKIN: Wash with plenty of water and soap.
- 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 in accordance with national regulations.

**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.

**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<sub>50</sub> 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<sub>50</sub> 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<sub>50</sub> Lethal concentration of a substance in which it can be expected death of 50% of the population
- LD<sub>50</sub> 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 Kow 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



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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

Aquatic Chronic	Hazardous to the aquatic environment
Eye Irrit.	Eye irritation
Org. Perox.	Organic peroxide
Skin Sens.	Skin sensitization

**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

**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.

**The changes (which information has been added, deleted or modified)**

2, 3, 8, 11, 12, 15, 16

**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.