

Printing date 17.09.2024

Safety data sheet according to UK REACH

Version: 3.00 (replaces version 2.01)

Revision: 28.04.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1 Product identifier
Trade name: <u>SONAX BIKE Chain Oil Ultra</u>
Article number: 08635410 1.2 Relevant identified uses of the substance or mixture and uses advised against Application of the substance / the mixture Bicycle Care Consumer uses: Private households / general public / consumers Professional uses Uses advised against There is currently no information available on this.
1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: SONAX GmbH Münchener Straße 75 D-86633 Neuburg (Donau) Tel.: ++49 (0)8431/53-0
<i>Further information obtainable from:</i> Product safety <i>E-mail:</i> erp@sonax.de Phone: + +49 (0) 8431 53 217 <u>United Kingdom:</u> Anglo American Oil Company Ltd 58 Holton Road, Holton Heath Trading Park, Poole, Dorset, BH16 6LT Telephone: (+44) 01929 551557 Email: info@aaoil.co.uk
1.4 Emergency telephone number: <u>European Union:</u> +49 (0) 89 19240 (Poison Centre Munich) <u>United Kingdom:</u> 0344 892 0111 (UK NPIS) Members of Public in England, Scotland and Wales can contact NHS 111/NHS 24 by dialling 111 In Northern Ireland, contact your local GP
SECTION 2: Hazarda idantification
SECTION 2: Hazards identification 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 The product is not classified, according to the GB CLP regulation.
2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 Void Hazard pictograms Void Signal word Void Hazard statements Void 2.3 Other hazards Results of PBT and vPvB assessment PBT: According to information provided in the supply chain, the mix contains less than 0.1% of any substances

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

vPvB:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB.

Determination of endocrine-disrupting properties

The substance/this mixture contains components that exhibit or are suspected of exhibiting endocrine disrupting properties according to UK REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605 in quantities of 0.1% or more. List II: Substances under evaluation for endocrine disruption under an EU legislation.

CAS: 128-37-0 2,6-di-tert-butyl-p-cresol

List II

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Dangerous components:		
EC No 920-114-2 Reg.nr.: 01-2119459347-30-xxxx	Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics Alternative CAS number: 64742-46-7 � Asp. Tox. 1, H304, EUH066	25-<50%
CAS: 8042-47-5 EINECS: 232-455-8 Reg.nr.: 01-2119487078-27-xxxx	White mineral oil, petroleum	25-<50%
	calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate) Alternative CAS number: 57855-77-3 Skin Irrit. 2, H315; Eye Irrit. 2, H319	1-<3%
CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: 01-2119565113-46-xxxx	2,6-di-tert-butyl-p-cresol Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1)	<0.25%

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Remove soiled clothing

After inhalation: Supply fresh air.

After skin contact: Wash the areas of skin affected with water and a mild detergent.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing agents: Water spray Fire-extinguishing powder Alcohol resistant foam Carbon dioxide 5.2 Special hazards arising from the substance or mixture In case of fire, the following can be released: Carbon monoxide (CO) Carbon dioxide (CO2) 5.3 Advice for firefighters Protective equipment: Do not inhale explosion gases or combustion gases. Do not enter the hazardous area without a self-contained breathing apparatus. See Section 8 for information on personal protection equipment. Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation For non-emergency personnel

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from ignition sources.

For emergency responders Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities Storage:

Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground. **Information about storage in one common storage facility:** Store away from foodstuffs.

Observe local/state/federal regulations. **Further information about storage conditions:** Store only in the original receptacle. Store receptacle in a well ventilated area. Protect from frost. Recommended storage temperature: 20 °C.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection 8.1 Control parameters Ingredients with limit values that require monitoring at the workplace: CAS: 128-37-0 2,6-di-tert-butyl-p-cresol WEL (Great Britain) Long-term value: 10 mg/m³ OEL (Ireland) Long-term value: 2 mg/m³ Regulatory information WEL (Great Britain): EH40/2020 OEL (Ireland): 2020 CoP for the Safety, Health and Welfare at Work DNELs CAS: 8042-47-5 White mineral oil, petroleum Oral DNEL 40 mg/kg (consumer) (long-term exposure - systemic effects) Dermal DNEL 92 mg/kg bw/day (consumer) (long-term exposure - systemic effects) 220 mg/kg bw/day (worker) (long-term exposure - systemic effects) Inhalative DNEL 35 mg/m³ (consumer) (long-term exposure - systemic effects) DNEL 160 mg/m³ (worker) (long-term exposure - systemic effects) CAS: 1474044-79-5 calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate) DNEL 10 mg/kg (worker) (longterm systematic effects) Dermal Inhalative DNEL 5 mg/m³ (worker) (longterm systematic effects)



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CAS		-	6-di-tert-butyl-p-cresol
Ora			0.25 mg/kg bw/day (vls)
Deri	mal	DNEL	0.25 mg/kg (vls)
			0.5 mg/kg (wls)
Inha	alative	DNEL	0.86 mg/m³ (vls)
			3.5 mg/m³ (wls)
PNE	ECs		
CAS	S: 1474	4044-79	9-5 calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)
Ora	PNE	C 22.2	mg/kg food (human)
	PNE	C 10 m	ng/l (KS)
		0.00	4 mg/l (water (fresh water))
		0.00	04 mg/l (water (sea water))
	PNE	C 69 n	ng/kg (sediment (fresh water))
		6.9 r	ng/kg (sediment (sea water))
		13.9	mg/kg (soil)
CAS	S: 128-	37-0 2,	6-di-tert-butyl-p-cresol
	PNE	C 0.17	mg/l (sewage plant)
		0.00	02 mg/l (freshwater (Süßwasser))
		0.00	002 mg/l (sediment (sea water))
	PNE	C 0.04	77 mg/kg (gro)
		0.09	96 mg/kg (sediment (sea water))
Ada	litiona	l inforn	nation: The lists valid during the making were used as basis.
Indi Gen The Kee Was Res Han	eral p usual p away sh hand pirato nd prot	protect rotecti precau / from f ds befo ry prot ection	ntrols ction measures, such as personal protective equipment ve and hygienic measures: tionary measures are to be adhered to when handling chemicals. Toodstuffs, beverages and feed. re breaks and at the end of work. ection: Not required in normal cases Not required in normal cases. ion Not required in normal cases

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemica	l properties
General Information	
Physical state	Fluid
Colour:	Brown
Odour:	Slightly stinging
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling	1
range	269-310 °C (Hydrocarbons, C14-C19, isoalkanes,
	cyclics, < 2% aromatics)
Flammability	The mixture is capable of catching fire or being set on fire.
Lower and upper explosion limit	
Lower:	0.4 Vol % (Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics)
Upper:	5 Vol % (Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics)
Flash point:	>93 °C
Decomposition temperature:	Not determined.
рН	Not determined.

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Viscosity:	
Kinematic viscosity at 40 °C	58 mm²/s
Solubility	
water:	Insoluble.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density at 20 °C:	0.86-0.88 g/cm³
9.2 Other information	
Appearance:	
Form:	Fluid
Important information on protection of health and	1
environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Change in condition	·····
Evaporation rate	Not determined.
•	•
Information with regard to physical hazard classe	Void
Explosives	Void
Flammable gases	
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable	
gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No dangerous reactions known.

10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid

See Section 7 for information on safe handling.

Protect from heat.

Keep ignition sources away - Do not smoke.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

No further relevant information available.

Hydrocarbons, C14-C19, isoalkanes, cyclics, < 2% aromatics

Oral LD50 >5,000 mg/kg (rat) (OECD 401)

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Dermal	LD50	>2,000 mg/kg (rabbit) (OECD 402)
		>5,266 mg/l (rat) (Aerosol (OECD 403))
CAS: 804	2-47-5 Wh	ite mineral oil, petroleum
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
		>5,200 mg/l (rat)
		calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)
Oral	LD50	>2,500 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rabbit)
		di-tert-butyl-p-cresol
Oral	LD50	>5,000 mg/kg (rat) (OECD-Prüfrichtlinie 401)
Dermal	LD50	>2,000 mg/kg (rat) (OECD-Prüfrichtlinie 402)
Skin corre	osion/irrit	ation Based on available data, the classification criteria are not met.
Serious e	ye damag	<i>pe/irritation</i> Based on available data, the classification criteria are not met.
Respirato	ry or skir	sensitisation Based on available data, the classification criteria are not met.
Germ cell	mutagen	<i>icity</i> Based on available data, the classification criteria are not met.
Carcinoge	enicity Ba	sed on available data, the classification criteria are not met.
Reproduc	tive toxic	ity Based on available data, the classification criteria are not met.
STOT-sin	gle expos	ure Based on available data, the classification criteria are not met.
STOT-rep	eated exp	posure Based on available data, the classification criteria are not met.
Aspiration Viscosity: Based on	> 20,5mm	n²/s (40°C) data, the classification criteria are not met.
Additiona	l toxicolo	gical information:
Repeated		
CAS: 147	4044-79-5	calcium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)
Oral NOA	EL 90 d	100 mg/kg (rat) (OECD 408, 90d, target organ: liver)
		n other hazards
		ng properties
•		s substances suspected of causing endocrine disruptions with health effects.
CAS: 128-	37-0 2,6-	di-tert-butyl-p-cresol List

SECTIO	N 12: Ecolo	ogical information
12.1 Toxi	city There are	no ecotoxicological data available on this mixture.
Aquatic to	oxicity:	
Hydrocar	bons, C14-C1	9, isoalkanes, cyclics, < 2% aromatics
	LL0 96h	87,556 mg/l (Oncorhynchus mykiss)
	ErL0 72h	1,000 mg/l (Pseudokirchneriella subcapitata)
	NOELR 72 h	1,000 mg/l (Pseudokirchneriella subcapitata)
	NOELR 21d	5 mg/l (Daphnia magna)
	ELO 48 h	1,000 mg/l (Daphnia magna)
CAS: 804	2-47-5 White r	nineral oil, petroleum
	LC50 / 96h	>100 mg/l (fish)
	EC50 / 48h	>100 mg/l (daphnia)
	NOEC/NOEL	≥100 mg/l (fish) (96h)
		≥100 mg/l (algae) (72h)
		≥100 mg/l (daphnia) (48h)
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Inhalative		cium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate) 9 mg/L (rat)
innalative	LC50 / 96 h	>0.28 mg/l (fish)
	NOEL 21 d	2.2-10 mg/l (daphnia)
	EC50	>0.27 mg/l (daphnia)
	EC50 / 48h	>0.27 mg/l (daphnia)
	IC50 / 48h	>0.27 mg/l (daphnia)
		>0.27 mg/l (algae)
CAS: 128		ert-butyl-p-cresol
	-	0.758 mg/l (algae)
	LC50 / 96h	0.199 mg/l (fish)
	EC50 / 48h	0.48 mg/l (Daphnia magna)
	NOEC / 21 d	
		0.069 mg/l (Daphnia magna)
12.2 Pers	istence and d	
		9, isoalkanes, cyclics, < 2% aromatics
-	lation 17.7 %	-
-		mineral oil, petroleum
		(28d (OECD 301B))
-	ccumulative p	
	•	cium bis(di C8-C10, branched, C9 rich, alkylnaphthalenesulphonate)
	3.16	
	>6.6 log POW	/
-		further relevant information available.
		d vPvB assessment
PBT:		
According classified vPvB:		provided in the supply chain, the mix conatins less than 0.1% of any substances
	to information	provided in the supply chain, the mix conatins less than 0.1% of any substances
classified	as vPvB	
12.6 Endo	ocrine disrupt	ing properties
Accoraing disruntina	to the current	state of scientific knowledge, there is no data for the product regarding endocrine h effects on the environment.
	r adverse effe	
	l ecological i	
General n	otes: The pro	duct may not be released into the environment without control.
SECTIO	N 13: Disp	osal considerations
	-	

European waste catalogue

1) Disposal / product

2) Disposal / contaminated packaging

20 01 13* solvents

15 01 02 plastic packaging

Uncleaned packaging: Recommendation: Disposal must be made according to official regulations.

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14.1 UN number or ID number ADR/RID/ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR/RID/ADN, IMDG, IATA	Void
14.3 Transport hazard class(es)	
ADR/RID/ADN, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR/RID/ADN, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
UN "Model Regulation":	Void

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture European Directives:

Directive 2010/75/EU (VOC) not subject to **REGULATION (EU) 2019/1148**

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

National regulations:

Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases

May be fatal if swallowed and enters airways. H304

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

Very toxic to aquatic life with long lasting effects. H410

EUH066 Repeated exposure may cause skin dryness or cracking.

Version number of previous version: 2.01

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

DGR: Przepisy dotyczące towarów niebezpiecznych - Dangerous Goods Regulations by IATA ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO) NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = letal Concentration

EC50 = half maximal effective concentration log POW = Octanol / water partition coefficient

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals	
ATE: acute toxicity estimate	
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Conc Carriage of Dangerous Goods by Road)	erning the International
IMDG: International Maritime Code for Dangerous Goods	
IATA: International Air Transport Association	
EINECS: European Inventory of Existing Commercial Chemical Substances	
ELINCS: European List of Notified Chemical Substances	
CAS: Chemical Abstracts Service (division of the American Chemical Society)	
DNEL: Derived No-Effect Level (UK REACH)	
PNEC: Predicted No-Effect Concentration (UK REACH)	
LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
IOELV = indicative occupational exposure limit values	
Skin Irrit. 2: Skin corrosion/irritation – Category 2	
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2	
Asp. Tox. 1: Aspiration hazard – Category 1	
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1	
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1	
* Data compared to the previous version altered.	