

Printing date 17.09.2024

Version: 2.00 (replaces version 1.02)

Revision: 27.04.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking
1.1 Product identifier
Trade name: <u>SONAX BIKE Spray Wax</u>
Article number: 08332000 UFI: QYR0-D0C4-2009-DN58 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 None
<b>1.3 Details of the supplier of the safety data sheet</b> <b>Manufacturer/Supplier:</b> 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
 <b>1.4 Emergency telephone number:</b> <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: Hazards identification

	of the substance or mixture cording to Regulation (EC) No 1272/2008	
Aerosol 1	H222 Extremely flammable aerosol.	
	H229 Pressurised container: May burst if heated.	
Skin Irrit. 2	H315 Causes skin irritation.	
STOT SE 3	H336 May cause drowsiness or dizziness.	
Aquatic Chronic 2	H411 Toxic to aquatic life with long lasting effects.	
The product is class Hazard pictogram GHS02 GHS07	ing to Regulation (EC) No 1272/2008 ssified and labelled according to the GB CLP regulation. ns 7 GHS09	
Signal word Dang	ger	
C6-10 ALKANE/C Hazard statement H222 Extremely fla	<b>ts</b> ammable aerosol. container: May burst if heated. irritation.	
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	y cause drowsiness or dizziness.	
	kic to aquatic life with long lasting effects.	
Precauti	onary statements	
P101	If medical advice is needed, have product container or label at hand.	
P102	Keep out of reach of children.	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition	sources. No smoking
P211	Do not spray on an open flame or other ignition source.	-
P251	Do not pierce or burn, even after use.	
P261	Avoid breathing spray.	
P271	Use only outdoors or in a well-ventilated area.	
P273	Avoid release to the environment.	
P280	Wear protective gloves.	
P302+P3	152 IF ON SKIN: Wash with plenty of water.	
P312	Call a POISON CENTER/doctor if you feel unwell.	
P405	Store locked up.	
P410+P4	12 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122	2 °F.
P501	Dispose of contents/container in accordance with local/regional/national/in	
2.3 Othe	r hazards	
Results	of PBT and vPvB assessment	
PBT:		
Accordin	g to information provided in the supply chain, the mix contains less than 0.1%	of anv substances
classified		,
vPvB:		
Accordin	g to information provided in the supply chain, the mix contains less than 0.1%	of anv substances
	las vPvB.	,
Determir	nation of endocrine-disrupting properties	
	tance/mixture does not contain components considered to have endocrine dis	rupting properties
	g to UK REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2	
	on (EU) 2018/605 at levels of $0.1\%$ or higher.	

### 3.2 Mixtures

Description: Formulation consisting of pressurised gas, wax and mixture of solvents.

EC No 927-241-2	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2%	50-<75%
Reg.nr.: 01-2119471843-32-xxxx	aromatics	
-	Alternative CAS number: 64742-48-9	
-	♦ Flam. Liq. 3, H226; ♦ Asp. Tox. 1, H304; ♦ STOT SE 3, H336; Aquatic Chronic 3, H412, EUH066	
EC No 921-024-6	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-	25-<50%
Reg.nr.: 01-2119475514-35-xxxx	hexane	
-	Alternative CAS number: 64742-49-0	
-	� Flam. Liq. 2, H225; � Asp. Tox. 1, H304; � Aquatic Chronic 2, H411; � Skin Irrit. 2, H315; STOT SE 3, H336	
CAS: 110-82-7	cyclohexane	3-<5%
EINECS: 203-806-2	🚯 Flam. Lig. 2, H225; 🚯 Asp. Tox. 1, H304; 🚯 Aquatic Acute	
	H315; STOT SE 3, H336	
CAS: 124-38-9	carbon dioxide	3-<5%
EINECS: 204-696-9	🔗 Press. Gas (Ref. Liq.), H281	
CAS: 13475-82-6	2,2,4,6,6-pentamethylheptane	1-<3%
	Alternative CAS number: 93685-81-5	
	🚸 Flam. Liq. 3, H226; 🚸 Asp. Tox. 1, H304; Aquatic Chronic 4, H413	
CAS: 110-54-3	n-hexane	1-<3%
EINECS: 203-777-6	🚸 Flam. Lig. 2, H225; 🚸 Repr. 2, H361f; STOT RE 2, H373;	
Reg.nr.: 01-2119480412-44-xxxx	♦ Flam. Liq. 2, H225; ♦ Repr. 2, H361f; STOT RE 2, H373; Asp. Tox. 1, H304; ♦ Aquatic Chronic 2, H411; ♦ Skin Irrit. 2, H315; STOT SE 3, H336	
	Specific concentration limit: STOT RE 2; H373: $C \ge 5$ %	



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Trade name: SONAX BIKE Spray Wax

#### Additional information:

*Hydrocarbon mixture:* Benzene content < 0.1%

For the wording of the listed hazard phrases refer to section 16.

# SECTION 4: First aid measures

4.1 Description of first aid measures General information: Take affected persons out of danger area and lay down. Remove soiled clothing After inhalation: Supply fresh air. In the event of irritation of the respiratory tract, dizziness, nausea or unconsciousness, call medical assistance immediately . In case of unconsciousness place patient stably in side position for transportation. After skin contact: Wash the areas of skin affected with water and a mild detergent. If symptoms persist consult doctor. After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. After swallowing: Do not induce vomiting; call for medical help immediately. 4.2 Most important symptoms and effects, both acute and delayed Skin irritation Headache Dizziness Drowsiness Nausea

**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: Foam Fire-extinguishing powder Carbon dioxide Water haze For safety reasons unsuitable extinguishing agents: Water with full jet 5.2 Special hazards arising from the substance or mixture Can form explosive gas-air mixtures. In case of fire, the following can be released: Carbon monoxide and carbon dioxide 5.3 Advice for firefighters Protective equipment: Do not inhale explosion gases or combustion gases. Wear fully protective suit. Do not enter the hazardous area without a self-contained breathing apparatus. See Section 8 for information on personal protection equipment. Additional information Cool endangered receptacles with water spray. Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

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

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(Contd. of page 3) 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. Inform respective authorities in case of seepage into water course or sewage system. 6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation. 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. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material. Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting. Fumes can combine with air to form an explosive mixture. 7.2 Conditions for safe storage, including any incompatibilities Storage: Requirements to be met by storerooms and receptacles: Provide solvent resistant, sealed floor. Observe official regulations on storing packagings with pressurised containers. Information about storage in one common storage facility: Store away from foodstuffs. Observe local/state/federal regulations. Further information about storage conditions: Protect from heat and direct sunlight. Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting. Store receptacle in a well ventilated area. 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	Ingredients with limit values that require monitoring at the workplace:		
CAS: 110-82-7 c	yclohexane		
WEL (Great Brita	in) Short-term value: 1050 mg/m³, 300 ppm Long-term value: 350 mg/m³, 100 ppm		
IOELV (EU)	Long-term value: 700 mg/m³, 200 ppm		
OEL (Ireland)	Long-term value: 700 mg/m³, 200 ppm IOELV		
CAS: 124-38-9 c	arbon dioxide		
WEL (Great Brita	in) Short-term value: 27400 mg/m³, 15000 ppm Long-term value: 9150 mg/m³, 5000 ppm		
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ade name. Sonax birl Spray wax						
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IOELV (EU)		Long-term value: 9000 mg/m <sup>3</sup> , 5000 ppm				
OEL (Ireland)		Long-term value: 9000 mg/m³, 5000 ppm IOELV				
CAS: 110	-54-3 n	-hexane				
WEL (Gre	at Brita	in) Long-term value: 72 mg/m³, 20 ppm				
IOELV (EU	J)	Long-term value: 72 mg/m³, 20 ppm				
OEL (Irela	nd)	Long-term value: 72 mg/m³, 20 ppm IOELV, Sk				
IOELV (EU	at Brita J): (EU,	mation in): EH40/2020 ) 2019/1831 20 CoP for the Safety, Health and Welfare at Work				
DNELs						
Hydrocar	bons, (	C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics				
Oral	DNEL	125 mg/kg bw/day (consumer) (ChronicExposure, SystemicEffects)				
Dermal	DNEL	125 mg/kg bw/day (consumer) (ChronicExposure, SystemiEffects)				
		208 mg/kg bw/day (worker) (ChronicExposure, SystemicEffects)				
Inhalative	DNEL	185 mg/m <sup>3</sup> (consumer) (ChronicExposure, SystemicEffects)				
		871 mg/m <sup>3</sup> (worker) (ChronicExposure, SystemicEffects)				
Hydrocar	bons, (	C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane				
Oral	DNEL	699 mg/kg bw/day (consumer) (chronic exposition / systemic effects)				
Dermal	DNEL	699 mg/kg bw/day (consumer) (chronic exposition / systemi effects)				
		773 mg/kg bw/day (worker) (chronic exposition / systemic effects)				
Inhalative	DNEL	608 mg/m <sup>3</sup> (consumer) (chronic exposition / systemic effects)				
		2035 mg/m <sup>3</sup> (worker) (chronic exposition / systemic effects)				
8.2 Expos	sure co					
Ensure go sufficient t be worn.	od ven o keep	al control devices tilation. This can be achieved by localised extraction or general ventilation. If this is not the concentration below the occupational exposure limit, suitable breathing protection is to				
		ction measures, such as personal protective equipment				
		ive and hygienic measures: itionary measures are to be adhered to when handling chemicals				
The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed.						
Wash hands before breaks and at the end of work.						
Respiratory protection:						
If the occupational exposure limit is exceeded: The following breathing protection is recommended: Respiratory filter for organic gases and vapours (Type A) Identification colour: Brown [DIN EN 14387]						
			Hand pro	Hand protection		
				Protective gloves		
				The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.		
	Naterial of gloves					

Nitrile rubber, NBR

Nitrile rubber, NBR Recommended thickness of the material:  $\geq 0.4$  mm

[EN 374] **Penetration time of glove material** Value for the permeation: Level 6 (≥480min) **Eye/face protection** Not required in normal cases

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Physical state       Fluid         Colour:       White         Colour:       Solvent-like         Odour:       Solvent-like         Boiling point or initial boiling point and boiling       36 °C (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane)         Flammability       Extremely flammable aerosol.         Lower and upper explosion limit       0.6 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics)         Upper:       7 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics)         Iupper:       Not applicable, as aerosol.         Pressuries       Not applicable, as aerosol.         Viscosity:       Not applicable.         Water:       Not applicable.         Partition coefficient n-octanol/water (log value)       Not determined.         Solubility       ShPa (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics)         Partition coefficient n-octanol/water (log value)       Not determined.         Yapour pressure at 20 °C:       5 hPa (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics)         Density and/or relative density       Decommined.         Parestrian coefficient n-octanol/water (log value)       Not determined.         Struct       0.74 - 0.75 g/cm <sup>3</sup> Quther information       Aerosol	9.1 Information on basic physical and chemical pl	roperties
Colour: Solvent-like White Odour: Solvent-like Undetermined. Boiling point or initial boiling point and bolling ange 36 °C (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane) 26 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <5% n-hexane) 27 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 27 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 27 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 27 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 27 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 28 °C (Hydrocarbons, C9-C10, n-a	General Information	
Örörin:       Solvent-like         Melting point/reezing point:       Undetermined.         Bolling point or initial boiling point and boiling       36 °C (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane)         Flammability       Extremely flammable acrosol.         Lower and upper explosion limit       0.6 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics)         Upper:       7 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics)         Decomposition temperature:       Not applicable, as aerosol.         pH       Not applicable.         Kinematic viscosity at 40 °C       <20.5 mm³/s         Solubility       Not determined.         water:       Not determined.         Partition coefficient n-octanol/water (log value)       Not determine	Physical state	
Metting point/reezing point:     Undetermined.       Boiling point or initial boiling point and boiling     36 °C (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane)	Colour:	White
Boiling point or initial boiling point and boiling arage 36 °C (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane) Extremely flammable aerosol. Extremely flammable aerosol. 0.6 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) Value of the second of the	Odour:	Solvent-like
Boiling point or initial boiling point and boiling range 36 °C (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane) Extremely flammable aerosol. Lower and upper explosion limit Lower: 0.6 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) Upper: 7 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) Not applicable, as aerosol. Decomposition temperature: Not determined. PH Not applicable. Viscosity: Kinematic viscosity at 40 °C <20.5 mm <sup>3</sup> s Solubility water: Not miscible or difficult to mix. Not applicable. Vapour pressure at 20 °C: 5 hPa (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, vylapour pressure at 20 °C: 0.74 - 0.75 g/cm <sup>3</sup> (Active ingredient data ) 9.2 Other information Appearance: Form: Aerosol Important information on protection of health and environment, and on safety. Ignition temperature: Not determined. In use, may form flammable/explosive vapour-air mixture. Change in condition Explosives Size Size Size Size Size Size Size Size	Melting point/freezing point:	Undetermined.
range       36 °C (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, -5% n-hexane)         Flammability       Extremely flammable aerosol.         Lower and upper explosion limit       0.6 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, -2% aromatics)         Upper:       7 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, -2% aromatics)         Iupper:       Not applicable, as aerosol.         Flash point:       Not applicable, as aerosol.         Decomposition temperature:       Not applicable.         pH       Not applicable.         Viscosity:       Not applicable.         Xinematic viscosity at 40 °C       <20.5 mm³/s		
Cyclics, <5% n-hexane)		36 °C (Hydrocarbons, C6-C7, n-alkanes, isoalkanes
Fiammable gases Fiammable gases Provide an organ of the provide service service of the provide service of the provide service of the provide service of the provide service	lange	
Lower and upper explosion limit Lower: Cover: Cover	Flammability	
Lower: 0.6 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) 7 Vol % (Hydrocarbons, C9-C10, n-alkanes, 7 Vol % (Active ingredient data ) 7 Vol % (Active ingredient data ) 9 2 Other information 7 Vol % (Active ingredient data ) 9 2 Other information on protection of health and 8 environment, and on safety. 1 In use, may form flammable/explosive vapour-air 1 mixture. 7 Change in condition 8 Explosive properties: 1 Information with regard to physical hazard classes 8 Explosives 8 Explosives 8 Explosives 8 Explosives 8 Explosives 8 Explosives 8 Explosives 8 Explosives 8 Void 9 Cidising gases 9 Void 9 Flammable gases 9 Void 9 Flammable solids 9 Void 9 Substances and mixtures 9 Void 9 Oxidising liquids 9 Void 9 Oxidising solids 9 Void 9 Oxidising solids 9 Void 9 Void 9 Oxidising solids 9 Void 9 Void		Extremely naminable aerosol.
Upper:       isoalkanes, cyclics, <2% aromatics)		
Upper:       7 Vol % (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics)	Lower:	
isoalkane's, cyclics, <2% aromatics)		
Flash point: Not applicable, as aerosol. Decomposition temperature: Not determined. Not applicable. Viscosity: At 40 °C <20.5 mm²/s Solubility water: Not miscible or difficult to mix. Partition coefficient n-octanol/water (log value) Not determined. Vapour pressure at 20 °C: 5 hPa (Hydrocarbons, C9-C10, n-alkanes, isoalkanes cyclics, <2% aromatics) Density and/or relative density Density at 20 °C: 0.74 - 0.75 g/cm³ (Active ingredient data) 9.2 Other information Appearance: Form: Aerosol Important information on protection of health and environment, and on safety. Ignition temperature: Not determined. Explosive properties: In use, may form flammable/explosive vapour-air mixture. Change in condition Evaporation rate Not applicable. Information with regard to physical hazard classes Explosives Void Flammable gases Void Aerosols Pressure Void Flammable gases Void Flammable gases Void Flammable aerosol. Oxidising gases Void Flammable liquids Void Flammable liquids Void Flammable liquids Void Flammable liquids Void Flammable liquids Void Pyrophoric liquids Void Pyrophoric liquids Void Substances and mixtures Void Substances a	Upper:	
Decomposition temperature:       Not determined.         pH       Not applicable.         Viscosity:       Kinematic viscosity at 40 °C         Solubility       Not miscible or difficult to mix.         water:       Not miscible or difficult to mix.         Partition coefficient n-octanol/water (log value)       Not determined.         Vapour pressure at 20 °C:       5 hPa (Hydrocarbons, C9-C10, n-alkanes, isoalkane: cyclics, <2% aromatics)		
pH       Not applicable.         Viscosity:       <20.5 mm³/s		Not applicable, as aerosol.
Viscosity: Kinematic viscosity at 40 °C Solubility water: Partition coefficient n-octanol/water (log value) Vapour pressure at 20 °C: Density and/or relative density Density and/or relative density Density at 20 °C: Density at 20 °C: 0.74 - 0.75 g/cm <sup>3</sup> (Active ingredient data ) 9.2 Other information Appearance: Form: Important information on protection of health and environment, and on safety. Ignition temperature: Change in condition Evaporation rate Information with regard to physical hazard classes Explosives Kinging gases Aerosols Aerosols Aerosols Not determined. Information with regard to physical hazard classes Explosives Void Aerosols Aerosol. Pressurised container: May burst if heated. Void Flammable agrosol. Pressurised container: May burst if heated. Void Flammable liquids Void Self-neating substances and mixtures Void Substances and mixtures Void Substances and mixtures Void Substances and mixtures Void Substances and mixtures Void Substances and mixtures Void Oxidising slids Void Oxidising slids Void	Decomposition temperature:	Not determined.
Viscosity: Kinematic viscosity at 40 °C Solubility water: Partition coefficient n-octanol/water (log value) Vapour pressure at 20 °C: Density and/or relative density Density and/or relative density Density at 20 °C: Density at 20 °C: 0.74 - 0.75 g/cm <sup>3</sup> (Active ingredient data ) 9.2 Other information Appearance: Form: Important information on protection of health and environment, and on safety. Ignition temperature: Change in condition Evaporation rate Information with regard to physical hazard classes Explosives Kinging gases Aerosols Aerosols Aerosols Not determined. Information with regard to physical hazard classes Explosives Void Aerosols Aerosol. Pressurised container: May burst if heated. Void Flammable agrosol. Pressurised container: May burst if heated. Void Flammable liquids Void Self-neating substances and mixtures Void Substances and mixtures Void Substances and mixtures Void Substances and mixtures Void Substances and mixtures Void Substances and mixtures Void Oxidising slids Void Oxidising slids Void	pH	Not applicable.
Kinematic viscosity at 40 °C       <20.5 mm²/s	Viscosity:	
Solubility       Not miscible or difficult to mix.         water:       Not miscible or difficult to mix.         Partition coefficient n-octanol/water (log value)       Not determined.         Yapour pressure at 20 °C:       5 hPa (Hydrocarbons, C9-C10, n-alkanes, isoalkane:         Density and/or relative density       C.74 - 0.75 g/cm³         Density at 20 °C:       0.74 - 0.75 g/cm³         Appearance:       Acrosol         Form:       Aerosol         Important information on protection of health and environment, and on safety.       Not determined.         Ignition temperature:       In use, may form flammable/explosive vapour-air mixture.         Change in condition       Not applicable.         Information with regard to physical hazard classes       Void         Flammable gases       Void         Flammable gases       Void         Flammable gases       Void         Gases under pressure       Void         Flammable liquids       Void         Flammable solids       Void         Self-reactive substances and m		<20.5 mm²/s
water: Not miscible or difficult to mix. Partition coefficient n-octanol/water (log value) Vapour pressure at 20 °C: 5 hPa (Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics) Density and/or relative density Density at 20 °C: 0.74 - 0.75 g/cm <sup>3</sup> (Active ingredient data ) 9.2 Other information Appearance: Form: Aerosol Important information on protection of health and environment, and on safety. Ignition temperature: Not determined. Explosive properties: In use, may form flammable/explosive vapour-air mixture. Change in condition Evaporation rate Not applicable. Information with regard to physical hazard classes Explosives Void Flammable gases Void Aerosols Void Gases under pressure Void Flammable solids Void Flammable solids Void Self-reactive substances and mixtures Void Self-reactive substances and mixtures Void Self-reactive substances and mixtures Void Self-heating substances and mixtures Void Self-reactive thit water Void Self-reactive substances and mixtures Void Self-heating substances and mixtures		
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	Corrosive to metals	voiu



Printing date 17.09.2024

### Safety data sheet according to UK REACH

Version: 2.00 (replaces version 1.02)

Revision: 27.04.2021

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Trade name: SONAX BIKE Spray Wax

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 Forms explosive gas mixture with air.

#### 10.4 Conditions to avoid

An increase in pressure may lead to bursting.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Keep ignition sources away - Do not smoke. See Section 7 for information on safe handling.

10.5 Incompatible materials: strong oxidizing agents

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:		
-		10, n-alkanes, isoalkanes, cyclics, <2% aromatics	
Oral	LD50	>5000 mg/kg (rat) (OECD 401)	
Dermal	LD50	>5000 mg/kg (rabbit) (OECD 402)	
	LC50 / 4h	>4951 mg/m³ (rat) (OECD 403)	
-		7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	
Oral	LD50	>5000 mg/kg (rat) (OECD 401)	
Dermal	LD50	>2000 mg/kg (rat) (OECD 402)	
	LC50 / 4h	>20 mg/l (rat) (OECD 403)	
CAS: 110	-82-7 cyclo	hexane	
Oral	LD50	>5000 mg/kg (rabbit)	
Dermal	LD50	>2000 mg/kg (rabbit)	
Inhalative	LC50 / 4h	>32880 mg/m³ (rat)	
CAS: 134	75-82-6 2,2,	4,6,6-pentamethylheptane	
Oral	LD50	>5000 mg/kg (rat) (OECD 401)	
Dermal	LD50	>5000 mg/kg (rabbit) (OECD 402)	
Inhalative	LC 50 / 8h	>5 mg/l (Ratte) (OECD 403)	
CAS: 110-	-54-3 n-hex	ane	
Oral	LD50	3200 mg/kg (rat)	
Dermal	LD50	3350 mg/kg (rabbit)	
Inhalative	LC50/4d	172 mg/l (rat)	
Skin corr	osion/irritat	t <b>ion</b> Causes skin irritation.	
Serious e	ye damage	/ <b>irritation</b> Based on available data, the classification criteria are not met.	
Respirato	ry or skin s	sensitisation Based on available data, the classification criteria are not met.	
Germ cell	mutagenic	<i>ity</i> Based on available data, the classification criteria are not met.	
Carcinog	enicity Base	ed on available data, the classification criteria are not met.	
Reproduc	tive toxicit	<b>y</b> Based on available data, the classification criteria are not met.	
STOT-sin	gle exposu	<b>re</b> May cause drowsiness or dizziness.	
STOT-rep	eated expo	sure Based on available data, the classification criteria are not met.	
Aspiratio	n <b>hazard</b> Ba	ased on available data, the classification criteria are not met.	
		(Contd. on pag	



Printing date 17.09.2024

# Safety data sheet according to UK REACH

Version: 2.00 (replaces version 1.02)

Revision: 27.04.2021

(Contd. of page 7)

Trade name: SONAX BIKE Spray Wax

11.2 Information on other hazards Endocrine disrupting properties

The substance/mixture does not contain components considered to have endocrine disrupting properties according to UK REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

None of the ingredients is listed.

### SECTION 12: Ecological information

#### 12.1 Toxicity

Product is considered to be harmful to aquatic organisms. May have long-term harmful effects in aquatic environments.

Aquatic toxic	;ity:		
Hydrocarbon	ns, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics		
LL50 / 96h	>10-<30 mg/l (Oncorhynchus mykiss)		
EL50 / 48h	>22-<46 mg/l (Daphnia magna)		
EL50 / 72h	>1000 mg/l (Pseudokirchneriella subcapitata)		
NOELR 72 h	<1 mg/l (Pseudokirchneriella subcapitata)		
	ns, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		
LL50 / 96h	11.4 mg/l (Oncorhynchus mykiss) (OECD 203)		
EL50 / 48h	3 mg/l (Daphnia magna) (OECD 202)		
EL50 / 72h	30 mg/l (Pseudokirchneriella subcapitata) (OECD 201)		
LOEC	0.32 mg/l (Daphnia magna) (21d)		
NOELR 72 h	3 mg/l (Pseudokirchneriella subcapitata)		
NOEC / 21 d	0.17 mg/l (Daphnia magna)		
CAS: 110-82-	-7 cyclohexane		
LC50 / 96h	4.53 mg/l (Pimephales promelas)		
EC50 / 48h	2.4 mg/l (Daphnia magna)		
EC50 / 72h	3.4 mg/l (Pseudokirchneriella subcapitata)		
CAS: 13475-8	82-6 2,2,4,6,6-pentamethylheptane		
LC50 / 96h	>1000 mg/l (Oncorhynchus mykiss) (OECD 203)		
EC50 / 48h	>1000 mg/l (Daphnia magna) (OECD 202)		
IC50 / 72h	>1000 mg/l (Pseudokirchneriella subcapitata) (OECD 201)		
CAS: 110-54-	3 n-hexane		
LL50 / 96h	12.51 mg/l (Oncorhynchus mykiss)		
EL50 / 48h	21.85 mg/l (Daphnia magna)		
12.2 Persiste	nce and degradability		
	ns, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics		
Biodegradatio	n 89 % (28d)		
Hydrocarbon	ns, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		
Biodegradatio			
CAS: 13475-8	82-6 2,2,4,6,6-pentamethylheptane		
Biodegradation 31.3 % (OECD 301 F)			
	CAS: 110-54-3 n-hexane		
Biodegradation 83 % (10d (ECHA))			
12.3 Bioaccumulative potential			
CAS: 110-82-7 cyclohexane			
log Kow   3.44 log Kow (pH: 7, 25°C)			
CAS: 13475-82-6 2,2,4,6,6-pentamethylheptane			
log Kow 6.96	log Kow		
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Version: 2.00 (replaces version 1.02)

Revision: 27.04.2021

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#### Trade name: SONAX BIKE Spray Wax

#### CAS: 110-54-3 n-hexane

log Kow 4 log Kow (pH: 7, 20°C)

#### 12.4 Mobility in soil

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics: Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane:

#### Highly volatile, will partition rapidly to air. 12.5 Results of PBT and vPvB assessment

PBT:

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

#### vPvB:

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

#### 12.6 Endocrine disrupting properties

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with effects on the environment.

### 12.7 Other adverse effects

#### Additional ecological information:

General notes: The product may not be released into the environment without control.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Waste must be disposed of while observing the local, official regulations.

European waste catalogue

Disposal / product + Disposal / contaminated packaging

15 01 10*	packaging containing residues of or contaminated by hazardous substances
HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14	Ecotoxic

#### Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14.1 UN number or ID number ADR/RID/ADN, IMDG, IATA	UN1950	
14.2 UN proper shipping name ADR/RID/ADN IMDG IATA	1950 AEROSOLS AEROSOLS AEROSOLS, flammable	
14.3 Transport hazard class(es) ADR/RID/ADN		
Class	2 5F Gases.	



Printing date 17.09.2024

Version: 2.00 (replaces version 1.02)

Revision: 27.04.2021

Trade name: SONAX BIKE Spray Wax

	(Contd. of page
Label	2.1
IMDG, IATA	
Class	2.1 Gases.
Label	2.1
14.4 Packing group ADR/RID/ADN, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	Yes absent due to package size =<5/
14.6 Special precautions for us	ser Warning: Gases.
Transport/Additional information:	
<i>ADR/RID/ADN Limited quantities (LQ) Transport category Tunnel restriction code</i>	1L 2 D
UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

### 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) 93.78 % Catégorie SEVESO (DIRECTIVE 2012/18/EU) E2 Hazardous to the Aquatic Environment P3b FLAMMABLE AEROSOLS 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 pregnant and lactating women must be observed.

Employment restrictions concerning juveniles 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.

#### **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H281 Contains refrigerated gas; may cause cryogenic burns or injury.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H361f Suspected of damaging fertility.

(Contd. on page 11)

GB



# Safety data sheet according to UK REACH Version: 2.00 (replaces version 1.02)

Revision: 27.04.2021

# Printing date 17.09.2024

# Trade name: SONAX BIKE Spray Wax

H373       May cause damage to organs through prolonged or repeated exposure.         H400       Very toxic to aquatic life with long lasting effects.         H411       Toxic to aquatic life with long lasting effects.         H412       Harmful to aquatic life with long lasting effects.         H413       May cause long lasting harmful effects to aquatic life.         EUH066 Repeated exposure may cause skin dryness or cracking.         Classification according to Regulation (EC) No 1272/2008         Aerosols, Section 2.3.1       On basis of test data         Skin corrosion/initation       The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.         Hazardous to the aquatic environment - long-term (chronic) aquatic heard       The classification and acronyms: NOEL = No Clasernet Effect Concentration EGS0 = Cland) water partition coefficient Classification and Labelling of Chemicals ATE: acute bixcity estimate         ADR: Acord relatif at unsport intermational Labelling of Chemicals Classification al Labelling of Chemicals Claringe of Dangerous Goods WAC: European Ist of Notific Chromoser District Concentration EGS0 = Notific Starte of Classification and Labelling of Chemicals Statemed (Statemed Chassification and Labelling of Chemicals Claringe of Dangerous Evolution of the American Chemical Substances ELINCS: European List of Notified Chemical Statemes		(Contd. of page 10)	
H410       Very toxic to aquatic life with long lasting effects.         H411       Toxic to aquatic life with long lasting effects.         H412       Harmful to aquatic life with long lasting effects.         H413       May cause long lasting harmful effects to aquatic life.         EUH/066 Repeated exposure may cause skin dryness or cracking.         Classification according to Regulation (EC) No 1272/2008         Aerosols, Section 2.3.1       On basis of test data         Skin corrosion/irritation       The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.         Version number of previous version: 1.02       Abbreviations and acronyms:         NOEC = No Observed Effect Level       NOEC = No Observed Effect Level         NOEC = No Observed Effect Level       NOEC = No Observed Effect Concentration         LC = kell Concentration       EC S0 = half maximal effective concentration         LG = kell au transport internationel des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)         Mith Ar. International Air Transport Association       Chemical Substances         ELINCS: European Invertory of Existing Commercial Cohemical Substances       ELINCS: European List of Notified Chemical Substances         ELINCS: European List of Notified Chemical Substances       Elincesse Calegory 1	H373 May cause damage to organs through prolonged or repeated exposure.		
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