



CAR SHAMPOO WITHOUT WAX 19L (CONCENTRATE)

PN: R1852

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFIER

Car Shampoo Without Wax

- 1.1 Relevant uses: for car detailing professionals, easily removes contaminants, and leaves the surfaces soft and smooth
- 1.2 Details of the supplier of the safety data sheet
Company: RHINOMOTIVE LTD - UK 71-75 SHELTON STREET, LONDON, UNITED KINGDOM
Emergency contact number +971 4 329 7775
Email: info@rhinomotive.com
- 1.3 Available Sizes:
R1852 - 19L (Concentrate)
R2201 - 500ml (Ready to Use)

2. HAZARDS IDENTIFICATION

- 2.1. Classification of the substance or mixture
Classification under CLP: Eye Dam. 1: H318; Skin Irrit. 2: H315
Most important adverse effects: Cause skin irritation. Causes serious eye damage.
- 2.2 Label elements
Label elements
Hazard Statements: H315: Causes skin irritation.
H318: Cause serious eye damage.
Hazard Statements: GHS05: Corrosion

Signal word: Danger

Precautionary statements:

P102: Keep out of reach of children.

P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+P325: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER or doctor.

P501: Dispose of contents and container to an approved waste disposal plant.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	9043-30-5	-	Acute Tox. 4: H302; Eye Dam. 1: H318; Acute Tox. 4: H302+H312; Acute Tox. 4: H302+H312+H332; Acute Tox. 4: Tox. 4: H312+H332; Acute Tox. 4: H332	1-10%

SULFONIC ACIDS, C14-16 ALKANE HYDROXY AND C14-16 ALKENE, SODIUM SALTS

270-407-8	68439-57-6	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%
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ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, SULFATES, SODIUM SALTS - REACH registered number(s): 01- 2119488639-16

-	68891-38-3	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 3: H412	1-10%
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NATRIUM-P-CUMOLSULFONAT - REACH registered number(s): 01-2119489411-37

239-854-6	15763-76-5	-	Eye Irrit. 2: H319	1-10%
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TETRAPOTASSIUM PYROPHOSPHATE

-	7320-34-5	-	Met. Corr. 1: H290; Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%
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SODIUM LAURETH SULFATE

-	3088-31-1	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	1-10%
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AMINES, COCO ALKYLDIMETHYL, N-OXIDES

263-016-9	61788-90-7	-	Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411; Aquatic Acute 1: H400	1-10%
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1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N, N-DIMETHYL-, N-COCO ACYL DERIVS., HYDROXIDES, INNER SALTS

263-058-8	61789-40-0	-	Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 3: H412	<1%
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4. FIRST AID MEASURES

4.1 Description of first aid measures

In case of Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to the skin. Wash immediately with plenty of soap and water.

In case of Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

In case of Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a liter of water to drink immediately. Consult a doctor.

In case of Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

In case of Skin contact: There may be irritation and redness at the site of contact

In case of Eye contact: There may be pain and redness The eyes may water profusely There may be severe pain. The vision may become blurred May cause permanent damage

In case of Ingestion: There may be soreness and redness of the mouth and throat Nausea and stomach pain

In case of Inhalation: There may be irritation of the throat with a feeling of tightness in the chest

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes. 5.3 Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions. protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not attempt to—act without suitable protective clothing - see section 8 of SDS. Tum leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb Into dry earth or sand. Trouble- to a closable, labelled salvage container for disposal by an appropriate method

6.4. Reference to Other sections

Reference to Other sections: Refer to section 8 of S DS

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well-ventilated area. Keep the container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

SULFONIC ACIDS, -C16 ALKANE HYDROXY AND C14-16 ALKENE, SODIUM SALTS

Type	Exposure	Value	Population	Effect
DNEL	Oral	12,95 mg/kg	General Population	Systemic
DNEL	Dermal	1295 mg/kg	General Population	Systemic
DNEL	Dermal	2158 mg/kg	Workers	Systemic
DNEL	Inhalation	45	General Population	Systemic
DNEL	Inhalation	152	Workers	Systemic
PNEC	Microorganisms in sewage treatment	4 mg/l	-	-
PNEC	Fresh water	0,042 mg/l	-	-
PNEC	Marine water	0,0042 mg/l	-	-
PNEC	Fresh water sediments	2,025 mg/kg	-	-
PNEC	Marine sediments	0,2025 mg/kg	-	-
DNEL	Oral	15 mg/kg bw/day	General Population	Systemic
DNEL	Dermal	2750 mg/kg bw/day	Workers	Systemic
DNEL	Dermal	1650 mg/kg bw/day	General Population	
DNEL	Inhalation	175 mg/m3	Workers	Systemic
DNEL	Inhalation	52 mg/m3	General Population	Systemic
PNEC	Fresh water	0,24 mg/L	-	-
PNEC	Marine water	0,024 mg/L	-	-
PNEC	Microorganisms in sewage treatment	10000 mg/L	-	-
PNEC	Fresh water sediments	5,45 mg/kg	-	-
PNEC	Marine sediments	0,545 mg/kg	-	-

NATRIUM-P-CUMOLSULFONAT

Type	Exposure	Value	Population	Effect
DNEL	Oral	3,8 mg/kg	General Population	Systemic
DNEL	Dermal	136,25 mg/kg	Workers	Systemic
DNEL	Dermal	68,1 mg/kg	General Population	Systemic
DNEL	Dermal	0,096 mg/kg	Workers	Local
DNEL	Dermal	0,048 mg/kg	General Population	Local
DNEL	Inhalation	26,9 mg/m	Workers	Systemic
DNEL	Inhalation	6,6 mg/m	General Population	Systemic
PNEC	Fresh water	0,23 mg/l	-	-
PNEC	Marine water	0,023 mg/l	-	-
PNEC	Microorganisms in sewage treatment	100 mg/l	-	-
PNEC	Soil (agricultural)	0,037 mg/kg	-	-
PNEC	Fresh water sediments	0,862 mg/kg	-	-
PNEC	Marine sediments	0,086 mg/kg	-	-

AMINES, COCO ALKYLDIMETHYL, N-OXIDES

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	15,5	Workers	Systemic
DNEL	Dermal	11 mg/kg	Workers	Systemic
DNEL	Inhalation	3,8	Consumers	Systemic
DNEL	Dermal	5,5 mg/kg	Consumers	Systemic
DNEL	Oral	0,44	Consumers	Systemic
PNEC	Fresh water	0,0335 mg/ml	-	-
PNEC	Marine water	0,00335 mg/ml	-	-
PNEC	Microorganisms in sewage	24 mg/ml	-	-
PNEC	Fresh water sediments	1,14 mg/kg	-	-
PNEC	Marine sediments	0,114 mg/kg	-	-
PNEC	Soil (agricultural)	0,906 mg/kg	-	-
PNEC	Food chain	11,1 mg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency

Hand protection: Protective gloves

Eye protection: Tightly fitting goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

State: Liquid
Colour: Orange
Odour: Orange-Jasmine
pH: 11

9.2. Other information

Other information: No data available

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions

10.3. Possibility Of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport conditions.
Decomposition may occur on exposure to conditions or materials listed

10.4. Conditions to avoid

Conditions to avoid:

10.5. Incompatible materials

Materials to avoid:
Strong oxidizing agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products:
In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

11.1. Information On toxicological effects

ISOTRIDECYLALCOHOL, ETHOXYLATED

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	556	mg/kg

SULFONIC ACIDS, C14-16 ALKANE HYDROXY AND C14-16 ALKENE, SODIUM SALTS

ORAL	RAT	LD50	2310	mg/kg
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ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, SULFATES, SODIUM SALTS

DERMAL	RAT	LD50	>2000	mg/kg
ORAL	RAT	LD50	4100	mg/kg

NATRIUM-P-CUMOLSULFONAT

DERMAL	RBT	LD50	2000	mg/kg
ORAL	RAT	LD50	2000	mg/kg

TETRAPOTASSIUM PYROPHOSPHATE

DERMAL	RBT	LD50	4640	mg/kg
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SODIUM LAURETH SULFATE

ORAL	RAT	LD50	2000	mg/kg
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AMINES, COCO ALKYLDIMETHYL, N-OXIDES

DERMAL	RBT	LD50	300-2000	mg/kg
ORAL	RAT	LD50	2000	mg/kg

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N, N-DIMETHYL-, N-COCO ACYL DERIVS., HYDROXIDES, INNER SALTS

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	2335	mg/kg

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Respiratory/skin sensitization	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

In case of Skin contact	There may be irritation and redness at the site of contact.
In case of Eye contact	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
In case of Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
In case of Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects	Immediate effects can be expected after short-term exposure.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Hazardous ingredients:
ISOTRIDECYLALCOHOL, ETHOXYLATED

Daphnia magna	48H EC50	>1-10	mg/l
FISH	96H LC50	>1-10	mg/l
GREEN ALGA (Selenastrum capricornutum)	48H EC50	>1-10	mg/l

SULFONIC ACIDS, C14-16 ALKANE HYDROXY AND C14-16 ALKENE, SODIUM SALTS

Daphnia magna	48H EC50	4,5	mg/l
FISH	96H LC50	4,2	mg/l
MARINE ALGAE (Skeletonema costatum)	72H ErC50	5,2	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	1-10	mg/l

ALCOHOLS, C12-14, ETHOXYLATED < 2.5 EO, SULFATES, SODIUM SALTS

ALGAE	96H ErC50	7,5	mg/l
Daphnia magna	48H EC50	7,2	mg/l
FISH	96H LC50	7,1	mg/l

NATRIUM-P-CUMOLSULFONAT

Daphnia magna	48H EC50	100	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	100	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	100	mg/l

TETRAPOTASSIUM PYROPHOSPHATE

RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	>100	mg/l
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AMINES, COCO ALKYLDIMETHYL, N-OXIDES

Daphnia magna	48H EC50	1-10	mg/l
FISH	96H LC50	1-10	mg/l
GREEN ALGA (Selenastrum capricornutum)	48H EC50	0,1-1	mg/l

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N, N-DIMETHYL-, N -COCO ACYL HYDROXIDES, DERIVS., INNER SAL

FISH	96H LC50	472-500 mg/l	FISH
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- 12.2. Persistence and degradability
Persistence and degradability: Biodegradable.
- 12.3. Bio accumulative potential
Bio accumulative potential: No bioaccumulation potential.
- 12.4. Mobility in soil
Mobility: Readily absorbed into soil.
- 12.5. Results Of PBT and vpvB assessment
PBT identification: This product is not identified as a PBT/vPvB substance.
- 12.6. Other adverse effects
Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods
Disposal operations: Transfer to a suitable container and arrange for collection by specialist disposal company.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

Transport class: This product does not require a classification for transport.

15. REGULATORY INFORMATION

- 15.1. Safety, health, and environmental regulations/legislation specific for the substance or mixture
Specific regulations: Not applicable.
- 15.2. Chemical Safety Assessment
Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. OTHER INFORMATION

Other information:
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation
Indicates text in the SDS which has changed since the last revision.
H290: May be corrosive to metals. H302: Harmful if swallowed.
H302+H312: Harmful if swallowed or in contact with skin H302+H312+H332: Harmful if swallowed, in contact with skin or if inhaled H302+H332: Harmful if swallowed or if inhaled
H312: Harmful in contact with skin.
H312+H332: Harmful in contact with skin or if inhaled H315: Causes skin irritation.
H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled.
H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long-lasting effects. H412: Harmful to aquatic life with long-lasting effects.
Legal disclaimer
The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.