



IRON REMOVER & WHEEL CLEANER 19L (READY TO USE)

PN: R1840

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFIER

Iron Remover & Wheel Cleaner 19L (Ready To Use)

1.1 Relevant uses: for car detailing professionals, easily removes contaminants

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:

- R1840 – 19L (Concentrate)
- R2203 – 500ml (Ready to Use)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification under CLP: Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Sens. 1: H317

Most important adverse effects: Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye irritation

Label elements:

Hazard statements: H302: Harmful if swallowed.

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

Hazard pictograms: GHS07: Exclamation mark

Signal words: Danger

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

P301+P312: IF SWALLOWED: Call a POISON CENTRE

or doctor if you feel unwell.

P302+P352: 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.

P321: Specific treatment (see instructions on this label) P330: Rinse mouth.

P102: Keep out of reach of children.

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

Other hazards

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

Hazardous ingredients:

SODIUM MERCAPTOACETATE

EINECS	CAS	PBT/WEL	CLP Classification	Percent
-	367-51-1	-	Acute Tox. 3: H301; Acute Tox. 3: H301+H311+H331; Acute Tox. 3: H311+H331; Acute Tox. 3: H331; Met. Corr. 1: H290; Acute Tox. 4: H302+H312+H332; Acute Tox. 4: H312+H332; Acute Tox. 4: H332; Eye Irrit. 2: H319; Skin Sens. 1: H317	10-30%

NATRIUM-P-CUMOLSULFONAT

-	15763-76-5	-	Eye Irrit. 2: H319	1-10%
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SODIUM ETASULFATE

-	126-92-1	-	Eye Dam. 1: H318; Skin Irrit. 2: H315	1-10%
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4. FIRST AID MEASURES

Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

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

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor

Most important symptoms and effects, both acute and delayed

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Inhalation of fumes from the stomach may cause symptoms like direct inhalation.

Inhalation: Exposure may cause coughing or wheezing. There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

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

Indication of any immediate medical attention and special treatment needed Immediate / special treatment:

Not applicable.

5. FIREFIGHTING MEASURES

Extinguishing media

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

Special hazards arising from the substance or mixture Exposure hazards: In combustion emits toxic fumes.

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

Personal precautions, protective equipment, and emergency procedures Personal precautions: Do not attempt to act without suitable protective clothing - see section 8 of MSDS

Turn leaking containers leak-side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. Mark out the contaminated area with signs and prevent access to unauthorized personnel. If outside keep bystanders upwind and away from danger point.

Environmental precautions

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

Methods and material for containment and cleaning up

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

Reference to other sections

Reference to other sections: Refer to section 8 of MSDS.

7. HANDLING AND STORAGE

Precautions for safe handling

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

Do not handle in a conned space.

Conditions for safe storage, including any incompatibilities

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

Specific end use(s)

Specific end use(s): No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values Hazardous ingredients:

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	-	-

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: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Environmental: The floor of the storage room must be impermeable to prevent the escape of liquids.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties State: Liquid

Colour: Pink

Odour: Characteristic odour

pH: 6,9

VOC g/l: 48

Other information

Other information: No data available

10. STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.

Chemical stability

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

Conditions to avoid Conditions to avoid: Heat.

Incompatible materials

Materials to avoid: Strong oxidizing agents. Strong acids.

Hazardous decomposition products

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

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects Hazardous ingredients:
NATRIUM-P-CUMOLSULFONAT

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

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitization	DRM	Hazardous: calculated

Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Skin corrosion/irritation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
S TOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Inhalation of fumes from the stomach may cause symptoms like direct inhalation.

Inhalation: Exposure may cause coughing or wheezing. There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

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

12. ECOLOGICAL INFORMATION

Toxicity

Hazardous ingredients: 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

Persistence and degradability

Persistence and degradability: Biodegradable.

Bio accumulative potential

Bio accumulative potential: No bioaccumulation potential.

Mobility in soil

Mobility: Readily absorbed into soil.

Results of PBT and vPvB assessment

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

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 specialized 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

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

Specific regulations: Not applicable.

Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.



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16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* Indicates text in the SDS which has changed since the last revision

Phrases used in s.2 and s.3: H290: May be corrosive to metals.

H301: Toxic if swallowed.

H301+H311+H331: Toxic if swallowed, in contact with skin or if inhaled H302: Harmful if swallowed.

H302+H312+H332: Harmful if swallowed, in contact with skin or if inhaled H311+H331: Toxic in contact with skin or if inhaled

H312+H332: Harmful in contact with skin or if inhaled H315: Causes skin irritation.

H317: May cause an allergic skin reaction. H318: Causes serious eye damage.

H319: Causes serious eye irritation. H331: Toxic if inhaled.

H332: Harmful if inhaled

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. his company shall not be held liable for any damage resulting from handling or from contact with the above product.

MATERIAL SAFETY DATA SHEET

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THE DIFFERENCE**



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