

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: Mag Wheel Cleaner
Product Code: MWC
Product Use: To remove brake dust, road film, oxidation and dirt from non-painted mag wheels and aluminum boats.
New Zealand Supplier: Car Clean Products NZ Limited
Address: 33 Ha Crescent, Wiri,
Auckland 2104
New Zealand
Telephone: 09 25000 91
Fax Number: 09 25000 92
Email: sales@pacer.co.nz

Emergency Telephone Number: 0800 POISON (0800 764 766)
Date of MSDS Preparation: November 2024

Section 2. Hazards Identification

Classification: Acute oral toxicity Category 4
Acute dermal toxicity Category 4
Specific target organ toxicity Single exposure Category 1
Corrosive to metals Category 1
Skin corrosion Category 1C
Serious eye damage Category 1
Hazardous to terrestrial vertebrates

GHS Signal Word: DANGER

GHS Hazard Statements: H302 Harmful if swallowed
H312 Harmful in contact with skin
H370 Causes damage to organs
H290 May be corrosive to metals
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage

GHS Pictogram:



Precautionary Statements:



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Prevention:

- P260 Do not breathe dust/fume/gas/mist/vapors/spray.
- P262 Do not get in eyes, on skin, or on clothing.,
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P234 Keep only in original container.
- P264+P265 Wash hands thoroughly after handling. Do not touch eyes.

Response:

- P301+P317 IF SWALLOWED: Get medical help.,
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+P352 IF ON SKIN: wash with plenty of water.
- P302+P361+P354 IF ON SKIN: Take off Immediately all contaminated clothing. Immediately rinse with water for several minutes.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P308+P316 IF exposed or concerned: Get emergency medical help immediately.
- P316 Get emergency medical help immediately.
- P317 Get emergency medical help.
- P321 Specific treatment (see Section 4).
- P330 Rinse mouth.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P363 Wash contaminated clothing before reuse.
- P390 Absorb spillage to prevent material damage.

Storage:

- P405 Store locked up.
- P406 Store in corrosive resistant container with a resistant inner liner.

Disposal:

- P501 Dispose of contents/container in accordance with local/regional/international regulations.

Potential Health Effects:

- | | |
|-----------|---|
| Swallowed | Liquid is corrosive to mucous membranes. |
| Eyes | Extremely irritating can cause severe burns and prolonged or permanent loss of sight. |

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Skin	Extremely irritating to skin can cause immediate burns. Pain may not be noticed for some hours. In extreme cases skin is readily penetrated causing liquefaction necrosis of the soft tissues and decalcification of the bone.
Inhalation	Vapour is corrosive and irritating to the respiratory tract. Exposure to high concentrations may cause bronchitis.

Potential Health Effects

Hydrofluoric acid solutions are toxic and corrosive. Every care must be taken to ensure that this product does not come into contact with eyes. Skin must be washed with soapy water immediately after any contact.

The antidote for hydrofluoric acid poisoning is calcium gluconate as a gel or tablets. The concentration in this product is sufficiently low that this should not be necessary. However it is wise to have the antidote on hand if extensive skin contact could occur.

Section 3. Composition / Information on Ingredients

Ingredients	Proportion (% mass)	CAS Number
Water	<80	7732-18-5
Alkylsulfonic Acid	<10	75-75-2
Hydrofluoric Acid	<1	7664-93-3
Nonylphenol ethoxylate	<1	9016-45-9
Ethylene Glycol monobutyl ether	>1	111-76-2

Section 4. First Aid Measures

Routes of Exposure:

Eye	Hold eyes open and flush with water for at least 15 minutes. Seek medical attention immediately. TAKE THIS SDS or CONTAINER.
Skin	Immediately remove contaminated clothing and wash skin and clothes thoroughly with soap and water. Treat immediately with calcium gluconate antidote gel.
Ingestion	Do not induce vomiting. Give large quantity of milk or water. Seek medical attention immediately. TAKE THIS SDS or CONTAINER.
Inhalation	Remove to fresh air. If breathing is difficult, seek medical attention immediately.

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Section 5. Fire Fighting Measures

Suitable Extinguishing media	Dry Chemical powder.
Fire and Explosion hazards	Non-combustible liquid but will form corrosive vapour.
Fire Fighting Instructions	Fire fighters must use recommended protective equipment and self-contained breathing apparatus. Hazchem Code 2X

Section 6. Accidental Release Measures

Land Spill or Leaks	Wear protective gloves and goggles and protect exposed skin. Remove unprotected personnel from the area. Contain spill with sand, earth or vermiculite. Transfer to a waste container. Label container as hazardous waste, toxic and corrosive, for approved disposal.
Water	Small spills and leaks should not pose any long term effects to aquatic environment. Large spills should be advised to the nearest regional council pollution officer to assist with containment and remediation.

Section 7. Handling and Storage

Handling Advice:	For normal label use it is advisable to wear goggles and gloves. For bulk handling and transfer use a full-face mask, gloves, and safety gumboots.
Storing Procedures:	Store away from heat and direct sunlight. Do not store next to food or feedstuffs. Check regularly for leaks. Ensure adequate ventilation. Keep out of reach of children.

Section 8 Exposure Controls / Personal Protection

Engineering Controls:	Use in well-ventilated area. Ensure containers have hazardous labels.
Personal Protective Equipment:	It is advisable to wear PVC or Viton gloves for normal label use. For bulk use and transfer also wear SAA approved acid vapour respirator and PVC safety gumboots.

Section 9 Physical and Chemical Properties

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Appearance	Pale Green liquid
Odour:	Sharp, acidic
Odour threshold	Data not available
pH:	<1
Melting/Freezing point	Data not available
Initial boiling point/range	Data not available
Flash point	N/A
Flammability	N/A
Upper/Lower flammability limits	N/A
Vapour pressure	Data not available
Vapour density	Data not available
Relative density	Data not available
Solubility in water:	100%
Partition coefficient	Data not available
Auto-ignition temperature	N/A
Decomposition temperature	Data not available
Kinematic viscosity	Data not available
Particle characteristics	Data not available

Section 10. Stability and Reactivity

Chemical Stability	Stable, but will give off corrosive vapour.
Conditions to Avoid	High temperatures.
Incompatibility	Metals and strong alkalis.
Hazardous Decomposition Products:	Can form hydrogen in the presence of zinc or aluminium. Toxic fumes in a fire.

Section 11 Toxicological Information

Acute Inhalation Toxicity	LC ₅₀ Mouse (inhalation) 4Hour 14mg/L air
Long term Effects	Insufficient information is available to establish any chronic effects
Toxicological Data	Insufficient information available

Section 12. Ecotoxicological Information

Environmental Precautions:	
Ecological Toxicity:	Toxic to all forms of marine organisms, terrestrial



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vertebrates and invertebrates.

Environmental Fate:

Soil Biodegradable, not likely to persist.

Water Biodegradable, not likely to persist.

Environmental Exposure Limits: EEL water Not set.

Section 13. Disposal Considerations

Disposal Methods Dispose of waste at an appropriate waste disposal facility in accordance with local authority bylaws.

Section 14 Transport Information

Road. Rail. Marine and Air Transport:

UN No : 3264

DG Class : 8

Packing Group : III

Shipping Name : Corrosive liquid acid inorganic N.O.S.
(dilute hydrofluoric acid)

Section 15 Regulatory Information

HSNO approval code: HSR002526 Cleaning Products (Corrosive)
Group Standard 2020

Section 16 Other Information

Supplied in 1lt, 4lt, 20lt containers. Code: MWC1, MWC4, MWC20

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand proprietor, Car Clean Products NZ Limited,
Phone: 09 250 0091, if further information is required.

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MAG WHEEL CLEANER

PURPOSE:

Mag Wheel Cleaner is a powerful blend of acids and detergents formulated to remove brake dust, road film, oxidation and dirt from older mag wheels and aluminum boats.

CAUTION:

Do **NOT** use on clear coated, anodized, chrome, painted, plastic or any other kind of coated surface. Use **ONLY** on alloy, aluminum and magnesium surfaces.

DIRECTIONS:

Dilute 1 part Mag Wheel Cleaner to 10 parts water. Spray onto surface and allow a few minutes to react. Agitate with a brush and rinse thoroughly with water. Repeat the process if necessary.

KEEP OUT OF REACH OF CHILDREN.