



Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name: **Fortron ALLOY WHEEL CLEANER**

Other Names: **ALLOY WHEEL CLEANER - AEROSOL
FAWC – 400ml aerosol can**

Recommended Use: Fortron Alloy Wheel Cleaner is designed to help clean and brighten even the dirtiest Alloy Wheel.

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Perth, Western Australia 6017
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2. HAZARDS IDENTIFICATION:

CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

Hazard Identification

Risk Phrase:

Safety Phrase: S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion % v/v</u>
Phosphoric Acid	7664-38-2	1-5%
Hydrochloric Acid	7647-01-0	1-5%
Liquefied Petroleum Gas		5-15%
Aliphatic hydrocarbons		< 5%



4. FIRST AID MEASURES:

Swallowed:	If swallowed DO NOT induce vomiting. Rinse mouth thoroughly. Seek immediate medical attention. For advice, contact a Poisons Information Centre. Phone Australia 13 1126; New Zealand 0800 764 766; or a doctor (at once).
Eye:	If contact with the eye(s) occur, immediately hold the eye open and wash continuously for at least 15 minutes with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Seek medical attention.
Skin:	If solids or aerosol mists are deposited upon the skin wash affected areas thoroughly with water and soap if available. Seek medical attention in the event of irritation.
Inhaled:	Remove the source of contamination or move the victim to fresh air. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.
First Aid Facilities:	Safety shower, mild soap and eye wash facilities.
Advice to Doctor:	Treat symptomatically.

5. FIRE FIGHTING MEASURES:

Extinguishing Media:	In case of fire use water spray, dry chemical or CO ² .
Unusual Fire & Explosion Hazards:	Product is not flammable. Vapour forms an explosive mixture with air. Severe explosion hazard, in the form of vapour, when exposed to flame or spark. Vapour may travel considerable distance to source of ignition. Heating may cause expansion or decomposition leading to violent rupture of containers. Containers may explode on exposure to naked flames. Rupturing containers may rocket and scatter burning materials.
Fire Fighting Precautions:	Fire fighters should wear full protective clothing and self-contained breathing apparatus.
Hazchem Code:	2Y



6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures:	Methods and materials for containment and clean up:-
Procedures in Case of Breakage or Leakage:-	<p>Minor Spill: Clean up spills immediately. Avoid breathing vapours and contact with skin and eyes. Wear protective clothing, impervious gloves and safety glasses. Shut off all possible sources of ignition and increase ventilation. Wipe up. If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely.</p> <p>Major Spill: Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. Spill or leak area should be isolated immediately for at least 8m in all directions. When any large load is involved in a fire, consider initial evacuation for 100m in all directions.</p>
Other Information:	Consult State Land Waste Management Authority for disposal. Discharge contents of damaged aerosol cans at approved site. Allow small quantities to evaporate. DO NOT incinerate or puncture aerosol cans. Bury residues and empty aerosol cans at approved site.

7. HANDLING AND STORAGE:

Precautions for Safe Handling:	Store in original containers. Check that containers are clearly labelled.
Conditions for Safe Storage:	<p>Store in original containers in approved flameproof area. Do not store in pits, depressions, basements or areas where vapour may be trapped. No smoking, naked lights, heat or ignition sources.</p> <p>Keep containers securely sealed. Contents under pressure.</p> <p>Store in a cool, dry well ventilated area. Avoid storage at temperatures higher than 40°C. Store in an upright position. Protect containers against physical damage.</p> <p>Check regularly for spills and leaks.</p>



8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

National Exposure Standards: The following OES – Occupational Exposure Standard has been assigned for this product.

SUBSTANCE	Occupational Exposure Limits	TWA mg/m3	STEL mg/m3
Phosphoric Acid		1	2

Exposure Standard means the average concentration of a particular substance in the worker’s breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short term exposure limit (STEL).

Time-weighted average (TWA) is defined as the concentration of that substance over an eight-hour working shift, and apply to an eight-hour day, for a five-day working week over an entire working lifetime. Short Term Exposure Limits (STEL) and Peak Limitations may also be specified for short periods of exposure such as 15 minutes.

Engineering Controls: Provide adequate ventilation in warehouse or closed storage areas.

Personal Protective Equipment: Respirator Type (AS1716)
None specified. Airborne concentrations should be kept to lowest levels possible.

Skin Protection:
Wear protective gloves if in prolonged contact with neat material.

Eye Protection:
Wear eye protection if splashes to the eye are likely to occur.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Opaque colourless liquid
Odour:	Mild or faint odour
pH:	0.15 (concentrated solution)
Vapour Pressure:	Not determined
Vapour Density:	1.025 - +/-0.01 @ 25 °C
Boiling Point:	Not determined
Melting Point:	Not determined
Solubility in Water:	Not determined
Specific Gravity:	Not determined
Flashpoint:	Not applicable
Flammability Limits:	LEL - None allocated UEL - None allocated
Auto Ignition Temperature:	Not applicable
Viscosity:	Not applicable
Volatiles:	Not determined





10. STABILITY AND REACTIVITY:

Chemical Stability: Stable under normal use conditions.

Conditions to Avoid: Avoid naked lights, heat or ignition sources.

Incompatible Materials: Not applicable.

Hazardous Decomposition Products: Not applicable.

Hazardous Reactions: Not determined.

11. TOXICOLOGICAL INFORMATION:

HUMAN HEALTH HAZARDS - ACUTE

Swallowed: Considered an unlikely route of entry in commercial/industrial environments. May cause discomfort. May cause stomach pain or vomiting.

Eye: The vapour and liquor may cause severe irritation to eyes.

Skin: Prolonged or repeated exposure may cause severe irritation.

Inhaled: The vapour is mildly irritating to the upper respiratory tract.

Chronic: Principal routes of exposure are by skin contact/absorption and inhalation of mist/vapour. No chronic effects anticipated.

WARNING: Intentional misuse by concentrating/inhaling contents may be fatal.

12. ECOLOGICAL INFORMATION:

Ecotoxicity: Not classified as dangerous to the environment.

Persistence and Degradability: No information available for this product.

Mobility: No information available for this product.

13. DISPOSAL CONSIDERATIONS:

Disposal Methods and Containers: Small quantities may be flushed to drains with plenty of water. Consult State Land Management Authority for disposal for further advice. DO NOT incinerate or puncture aerosol cans.

Special Precautions for Landfill or Incineration: Bury residues and empty aerosol cans at approved site.



14. TRANSPORT INFORMATION:

UN Number: 1950
UN Proper Shipping Name: Aerosols
Class and Subsidiary Risk: 2.1
Packaging Group: Not applicable
Hazchem Code: 2Y
Poisons Schedule: Not applicable

Classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Good by Road and Rail

Class 2.1 – Flammable Gas

Alloy Wheel Cleaner shall not be loaded in the same vehicle or packed in the same freight container with:

Class 1 Explosives
Class 5.1 Oxidising agents (where the miscellaneous dangerous substances are capable of igniting and burning).
Class 5.2 Organic peroxides (where the miscellaneous dangerous substances are capable of igniting and burning).
Class 7 Radioactive substances.

15. REGULATORY INFORMATION:

CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

Hazard Identification:

Risk Phrase:

Safety Phrase: S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



16. OTHER INFORMATION:

Date of Issue: 25th July, 2009

MSDS Number: MSDS:217

Issue Number: B

Please Note:

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