



Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name: **Fortron WINDOW CLEANER
ECO - SERIES**

Other Names: **WINDOW CLEANER
EFWC200 – 200 litre metal drum
EFWC20 - 20 litre plastic container**

Recommended Use: Window Cleaner is an excellent cleaner of windows, mirrors, windscreen, chrome, stainless steel, porcelain, ceramic tiles and all laminated surfaces. Window Cleaner quickly cuts grease, smears and finger marks.

Supplier: Fortron Automotive Treatments Pty Ltd
14-18 Sangiorgio Court, Osborne Park
Perth, Western Australia 6017
ACN 008 872 197 ABN 12 008 872 197

Phone: (618) 9202 7800 (Monday – Friday 8.00am – 5.00pm)
Fax: (618) 9202 7851
www.fortron.com.au

Emergency Telephone No: 0433 088 498

2. HAZARDS IDENTIFICATION:

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC

Hazard Identification: Not classified as Hazardous

Risk Phrase:

Safety Phrase:

3. COMPOSITION/INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion % w/w</u>
Ethanol	64-17-5	10-30%
Methoxy Propoxy Propanol Non Ionic Surfactant		1-10% < 1%
Ammonia		< 1%
Blue Food Dye		Trace
Water		Balance

4. FIRST AID MEASURES:

Swallowed:	If swallowed DO NOT induce vomiting. Rinse or wash out mouth with plenty of water after which, if victim is conscious, induce copious drinking of water. Seek medical advice. For advice, contact a Poisons Information Centre. Phone Australia 13 1126; New Zealand 03 4747 000 (Not after May 2005) or 0800 764 766; or a doctor (at once).
Eye:	If contact with the eye(s) occurs, 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. If symptoms persist seek medical advice.
Skin:	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.
Inhaled:	Move patient to fresh air, lay down and rest. If patient is not breathing ensure a clear airway and apply artificial resuscitation. If breathing is difficult give oxygen. Seek medical advice immediately.
First Aid Facilities:	Eye wash facilities and normal wash room facilities.
Advice to Doctor:	Treat symptomatically.

5. FIRE FIGHTING MEASURES:

	Non Flammable
Extinguishing Media:	Use water spray to keep containers cool.
Unusual Fire & Explosion Hazards:	Not classed as a Class 3 dangerous goods (flammable) but flammable ethanol may be evolved on heating.
Fire Fighting Precautions:	Use water spray to keep containers cool.
Hazchem Code:	Not applicable

6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures:	
Methods and Materials for Containment and Clean Up:	Small Spills/Large Spills: Absorb with inert adsorbent and dispose of to authorised landfill site or hose away with copious amounts of water.

7. HANDLING AND STORAGE:

Precautions for Safe Handling: Avoid contact with eyes.

Conditions for Safe Storage: Not classified as dangerous goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Store in a cool area out of sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

National Exposure Standards: Not established for this product.

NHMRC TLV for ethanol 1000ppm or 1900 mgm/m³ is recommended.

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: No special requirements apart from ensuring adequate ventilation. Do not generate fine mists or aerosols.

Personal Protective Equipment: Wear rubber gloves and eye protection

Hygiene Recommendations: Keep an eye wash fountain available.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Blue Liquid
Odour:	Faint ammonia
pH:	11.0 – 11.5
Vapour Pressure:	Not determined
Vapour Density:	Not determined
Boiling Point:	Not determined
Melting Point:	Not applicable
Solubility in Water:	Soluble
Specific Gravity:	0.95
Flashpoint:	35°C
Flammability Limits:	LEL Not determined UEL Not determined
Reactivity with Air:	Nil
Reactivity with Water:	Nil
Reactivity with Oxidisers:	Nil
Reactivity with Acids:	Nil
% Volatile by Volume:	96



10. STABILITY AND REACTIVITY:

Chemical Stability:	Not flammable. Stable when stored as recommended
Conditions to Avoid:	Store in a cool area, away from sunlight. Heat and ignition sources
Incompatible Materials:	Will react with strong oxidizing agents.
Hazardous Decomposition Products:	No special requirements.
Hazardous Reactions:	Not flammable but keep container cool with water drench or spray in a Fire/Explosion situation.

11. TOXICOLOGICAL INFORMATION:

HUMAN HEALTH HAZARDS - ACUTE

Swallowed:	May cause headache, dizziness, gastric disorder and symptoms of central nervous system depression.
Eye:	Moderate irritant- may injure tissue.
Skin:	Repeated or prolonged contact may cause dermatitis.
Inhaled:	Moderate irritant to respiratory tract and mucous membranes. Nasal and eye irritation occurs in concentrations well below TLV.

12. ECOLOGICAL INFORMATION:

Ecotoxicity:	None established for this product.
Persistence and Degradability:	None established for this product.
Mobility:	None established for this product.

All components are considered biodegradable

13. DISPOSAL CONSIDERATIONS:

Disposal Methods and Containers:	Absorb with inert absorbent and dispose of to State Land Waste Management Authority. Normally suitable for disposal at approved land waste site.
Special Precautions for Landfill or Incineration:	No special requirements.

14. TRANSPORT INFORMATION:

UN Number: None Allocated

UN Proper Shipping Name:

Class and Subsidiary Risk: None Allocated

Packaging Group: III

Special Precaution for User: None Allocated

Hazchem Code: None Allocated

Poisons Schedule: None Allocated

Not classified as hazardous or Dangerous for transport (ADG,UN,IATA/ICAO)

15. REGULATORY INFORMATION:

Non Hazardous according to criteria of worksafe Australia

Poisons Schedule (AUST) Toxic Substance (NZ): Not Scheduled

16. OTHER INFORMATION:

Date of Issue: 11th March, 2009

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