



Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name:	Fortron TRIPLE CLEAN ECO - SERIES
Other Names:	TRIPLE CLEAN EFICCC200 – 200 litre metal drum EFICCC20 – 20 litre plastic container
Recommended Use:	Triple Clean can be used for removing all types of soilage from hard surfaces eg: grease, oil, dirt, grime, wax etc., without harming paintwork. Common usages of Triple Clean are for cleaning equipment, transport vehicles, trucks, earth moving machines, haulpacks, locomotives, aircraft, workshop floors, walls, ablution areas, kitchen cleaning, filters, range hoods, scrubbing back of floors, stripping, spray and wipe applications, damp mopping and was removal from new vehicles.
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2. HAZARDS IDENTIFICATION:

CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC

Hazard Identification:	Irritant
Risk Phrase:	R36/37/38: Irritating to eyes, respiratory system and skin
Safety Phrase:	S1/S2: Keep locked up and out of the reach of Children S26: In case of contact with eyes, rinse immediately with plenty of Water and seek medical advise. S37: Wear suitable gloves S39: Wear eye/ Face protection S45: In case of accident or if feeling unwell, seek medical attention Immediately (show the label whenever possible)

Poison Schedule (AUST) Toxic Substance (NZ): **Schedule 5**

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Appearance: Thin red liquid with sweet odour

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion % w/v</u>
Alkaline Salts		<10%
Dipropylene Glycol Monomethyl Ether	34590-94-8	<10%
Non Hazardous Components (Surfactant, dye, water)		>60%

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.

First Aid Facilities: Eye wash facilities and normal wash room facilities.

Advice to Doctor: Treat symptomatically as for Alkaline material.

5. FIRE FIGHTING MEASURES:

Hazchem Code: 2R
Non Combustible

Extinguishing Media: Use water fog (or if unavailable fine water spray),foam,dry agent (Carbon dioxide, dry chemical powder).

Unusual Fire & Explosion Hazards: Not applicable.

Fire Fighting Precautions: Use water spray to keep containers cool, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures: Slippery when split. Wear protective equipment. Contain using sand and soil – prevent runoff into drains and waterways.

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 skin and eyes. Avoid inhaling vapour or mist.

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, acids and away from foodstuffs.
Do not store in aluminium or galvanized containers or use die-cast zinc
or
Aluminium bungs. Plastic or steel bungs should be used.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

National Exposure Standards: Not established for this product.

Exposure standard for constituents: dipropylene glycol monomethyl ether TWA 100ppm (606 mgm/m³). STEL = 150ppm (909 mg/m³). Absorption through skin may be a significant source of exposure.

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: When using product to maintain dipropylene glycol monomethyl ether vapour concentrate below 100ppm, ensure of good ventilation. Vapour is heavier than air.

Personal Protective Equipment: Avoid skin and eye contact. Avoid inhaling vapour or mist. Wear protective clothing, closed footwear, pvc or rubber gloves and safety glasses or goggles.

Hygiene Recommendations: Keep an eye wash fountain available.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Red Liquid
Odour:	Mild sweet odour
pH:	13.5 – 14.0 1% Sol 10.5 -11.0
Vapour Pressure:	Not determined
Vapour Density:	Not determined
Boiling Point:	Not determined
Melting Point:	Not applicable
Solubility in Water:	Soluble
Specific Gravity:	1.03
Flashpoint:	Not flammable
Flammability Limits:	LEL Not assigned UEL Not assigned
Reactivity with Air:	Nil
Reactivity with Water:	Nil
Reactivity with Oxidisers:	Nil
Reactivity with Acids:	Reacts
% Volatile by Volume:	90

10. STABILITY AND REACTIVITY:

Chemical Stability:	Non flammable.
Conditions to Avoid:	Heat and Freezing Avoid contact with aluminium, zinc brass, galvanised and Painted surfaces and acids.
Incompatible Materials:	No special requirements.
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 result in nausea, vomiting, diarrhoea, abdominal pain, swelling of the larynx, burns to oesophagus and stomach.
Eye:	May irritate eyes. Contamination of the eyes may result in permanent injury.
Skin:	May irritate skin. Prolonged skin contact may lead to irritant contact dermatitis.



11. TOXICOLOGICAL INFORMATION: - continued

Inhaled:	Inhalation of mist may result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.
Long Term Effects:	No data available.
Acute Toxicity / Chronic Toxicity	No data available

12. ECOLOGICAL INFORMATION:

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

13. DISPOSAL CONSIDERATIONS:

Disposal Methods and Containers:	Absorb with inert absorbent and dispose of to authorised landfill site or hose away with copious amounts of water.
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:	None Allocated
Special Precaution for User:	None Allocated
Hazchem Code:	None Allocated
Poisons Schedule:	S5

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

15. REGULATORY INFORMATION:

Hazardous according to criteria of worksafe Austalia.

Hazard Category: Irritant

R-Phase(s): R36/37/38: Irritating to eyes, respiratory system and skin

S-Phase(s): S1/S2: Keep locked up and out of the reach of children
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37: Wear suitable gloves.
S39: Wear eye/face protection
S45: In case of accident or if you feel unwell, seek medical advice immediately

16. OTHER INFORMATION:

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Please Note:

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