



ECO Decon Solution

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MSDS Information Sheet

Overview

Ingredient.	Conc.	CAS No.
SODIUM CARBONATE	<10%	497-19-8
WATER	>60%	7732-18-5
ETHANOL	<10%	64-17-5
NONIONIC SURFACTANT	Not Available	Not Available
EDTA TETRASODIUM SALT	<10%	64-02-8

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

Synonyms	ECO Decon. Solution, Fronine Radacon, Radacon.
Appearance	Clear Liquid
Odour	Mild Odour
Use(s)	Cleaning Agent, Detergent, Alkaline Cleaning Agent, Laboratory Applications, Radiation D
Supplier	ECO Environmental Ph: 08 9328 2900
Stock No.	Emergencies: 13 11 26 157.

Poison Schedule	5	Hazchem	None Allocated	UN	None	D.G Class	None Allocated
Pkg Group	None Allocated	EPG	None Allocated	No.	Allocated	Sub/Tert Risk	None Allocated

Health Hazards

Summary	Corrosive. Use safe work practices to avoid eye or skin contact. Due to the low vapour pressure of this product an inhalation hazard is not anticipated under normal conditions. If diluted, the potential for corrosive effects will be reduced.
Eye	Corrosive - severe irritant. Exposure may result in pain, redness, corneal burns and ulceration with possible permanent damage with prolonged contact.
Inhalation	Slightly corrosive - irritant. Over exposure at high levels may result in irritation of the nose and throat, coughing, nausea and nasal inflammation. Low volatility markedly reduces inhalation hazard.
Skin	Corrosive - severe irritant. Contact may result in itching, pain, redness, rash and dermatitis. Prolonged contact may result in burns.
Ingestion	Corrosive. Ingestion may result in ulceration and burns to the mouth and throat, nausea, vomiting, abdominal pain and diarrhea.

Precautions

Flammability	Non-flammable. May evolve toxic gases when heated to decomposition. Contact with some metals (eg. aluminium), may liberate potentially flammable - explosive hydrogen gas.
Reactivity	Incompatible with oxidising agents (eg. peroxides), acids (eg. sulfuric acid), active metals (eg. aluminium, potassium, magnesium), and heat and ignition sources.
Ventilation	Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical extraction ventilation is recommended.

AIR - DUST - GAS - PPE - REVEGETATION - NOISE - SOIL - SPILL - WATER

Personal Protective Equipment

PPE Wear coveralls, splash-proof goggles and PVC or rubber gloves. Where an inhalation risk exists when mixing, wear a PVC apron, a face shield and rubber boots.

First Aid

Eye Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre, or for at least 15 minutes.

Inhalation If exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

Skin Remove contaminated clothing and gently flush affected areas with water. Continue to flush with water until skin no longer feels soapy. Seek medical attention. Launder clothing before reuse.

Ingestion For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting.

Safe Handling

Storage Store in cool, dry, well ventilated area, removed from oxidising agents, metals, acids, heat sources and foodstuffs. Ensure containers are adequately labeled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

Waste Disposal Neutralise with dilute acid (eg. 3 mol/L hydrochloric acid) or similar. For small amounts absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information.

Transport Not regulated for transport purposes.

Emergency

Spillage If spilt, absorb with sand or similar. Wear splash-proof goggles, PVC/rubber gloves, coveralls and rubber boots. Collect and place in sealed containers for disposal. Caution: Spill site may be slippery.

Environment WATER: If released to waterways, alkaline products may change the pH of the waterway. Fish will die if the pH reaches 10-11 (goldfish 10.9, bluegill 10.5). SOIL: May leach to groundwater with toxic effects on aquatic life as above. ATMOSPHERE: Not expected to reside in the atmosphere. Drops or particles released to atmosphere should be removed by gravity and/or be rained out.

Fire and Explosion Non flammable. If product is present in a fire, toxic gases may be evolved. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

Physical and Chemical Properties

Flammability:	Non Flammable	Flash Point:	Not Relevant
Boiling Point:	> 100 C	Melting Point:	< 0 C
Exposure Standard:	Not Available	Evaporation Rate:	Not Available
pH:	11.5 - 12.0	%Volatiles:	> 60 % (Water)
Specific Gravity:	Not Available	Solubility (water):	Soluble
Vapour Pressure:	18 mm Hg @ 20C	Upper Explosion limit:	Not Relevant
Lower Explosion Limit:	Not Relevant		