

MATERIAL SAFETY DATA SHEET

This substance is classified as **Hazardous** according to the criteria of Worksafe Australia

AOC4700 - ECO SPRAY WASH AND EMMERSION ORGANIC CLEANER

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name	ECO SPRAY WASH AND EMMERSION ORGANIC CLEANER
Product Code	AOC4700
Product Use	Liquid alkaline detergent for removal of soils from metal components.
Company Name	Australian Organic Coolants
Address	PO Box 768, Bungalow, Queensland, 4870 Australia
Telephone	61 7 4051 2400
Fax	61 7 4031 5490
Other Names	
Other Information	

2. COMPOSITION / INFORMATION ON INGREDIENTS

Information on Composition Ingredients	Name	CAS	Proportion
	Sodium Metasilicate Pentahydrate	6834-92-0	5 – 10%
	Diethanolamine 85%	111-42-2	5 – 10%
	Non Hazardous Organic Ingredients	Proprietary	10 – 30%
	Water	N / A	Rem

3. HAZARDS IDENTIFICATION

Human Health Hazards	Classified as hazardous according to the criteria of NOHSC and not classified as a dangerous good according to ADG code.
Risk Phrases	R36/38 Irritating to eyes and skin
Safety Phrases	S2 Keep out of reach of children S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
Hazard Category	Xi Irritant
Symptoms & Effects	May dry out skin on prolonged contact.
Other Hazard Information	Nil

4. FIRST AID MEASURES

Eye	Remove contact lenses (if worn). Immediately irrigate with copious amounts of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.
Skin Contact	Wash affected areas with water.
Ingestion	Rinse mouth thoroughly with water immediately, give water to drink. DO NOT induce Vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove victim to fresh air, investigate possible misuse of material. Seek medical attention.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use extinguishing media suitable for surrounding fire situation.
Specific Hazards	NIL.
Precautions in connection with Fire	Firefighters should wear Self-Contained Breathing Apparatus and full protective clothing to minimize exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.



6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Contain and collect using absorbent material. Small spills may be flushed to sewer. Dispose of in landfill.
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7. HANDLING AND STORAGE

Handling	Repeated or prolonged exposure to the concentrate without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain good standards of personal hygiene i.e. Washing hands prior to eating, drinking or going to the toilet. Use only in a well ventilated area. Keep container closed & bung in place.
Storage	Keep containers closed when not in use and securely sealed & protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits	No value assigned for this specific material by the National Occupational Health & Safety Commission (NOHSC). However as with all chemicals, exposure to concentrate should be kept to the least possible levels.
Respiratory Protection	Not necessary for the diluted product or when handling concentrate.
Eye Protection	Safety glasses.
Hand Protection	Plastic or rubber gloves recommended.
Body Protection	N/A.
Eng. Controls	N/A.
Other information	No Biological Limit Value allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear light yellow low viscosity liquid.
Odour	Neutral.
Boiling Point	100 deg C.
Solubility in Water	Completely soluble.
Specific Gravity	1.09 @ 20 deg C.
Physical State	Liquid.
pH	12.8 (neat) 12 (1% soln)
Flash Point	Non flammable.
Flammability	Non flammable.
Flammable Limits LEL	Non flammable.
Flammable Limits UEL	Non flammable.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of storage and handling.
Hazardous polymerization	Will not occur.
Materials to avoid	Strong oxidizing agents and strong mineral acids.
Hazardous decomposition	None known.
Products	None known.
Hazardous reaction	Not a fire hazard.

11. TOXICOLOGICAL INFORMATION

Toxicology	None available for formulated product, however any toxicity issues would be expected through the alkalinity of the product.
Information	
Inhalation	Ingredients are considered non hazardous when used as directed.
Ingestion	Not a likely source of exposure, however, moderate quantities of concentrate may cause irritation. Potential symptoms include nausea, diarrhea, abdominal pain and vomiting.
Skin	While irritating to skin, ingredients do not present any toxicological risk.
Eye	The concentrate is considered an eye irritant. May cause eye soreness with incidental contact and possible tissue damage with persistent or prolonged contact.
Chronic effects	No known adverse effects.



12. ECOLOGICAL INFORMATION

Environmental protection	May be harmful to aquatic life in concentrate form. Not harmful to birdlife.
Mobility	No data is available for this product.
Persistence	No data is available for this product.
Degradability	Readily biodegradable
Bioaccumulation	No data is available for this product.
Ecotoxicity	No data is available for this product.

13. DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of waste according to federal, E.P.A. state and local regulations, Assure conformity with all applicable regulations
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14. TRANSPORT INFORMATION

UN Number	None allocated.
Proper shipping name	None allocated.
DG class	None allocated.
Hazchem code	None allocated.
Packing group	None allocated.
EPG number	None allocated.
IERG number	None allocated.

15. REGULATORY INFORMATION

Safety phrase	S2 Keep out of reach of children. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
Poisons schedule	S5
AICS (Australia)	All ingredients are listed in the Australian Inventory of Chemical Substances (AICS)

16. OTHER INFORMATION

Important Information	This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Australian Organic Coolants. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.
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END OF MSDS

