

SAFETY DATA SHEET

Safety Data Sheet according to WHS and ADG requirements

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

AOC4700 - ECO SPRAY WASH & EMMERSION ORGANIC CLEANER

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

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|--------------------------|---|
| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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

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|------------------------|--|
| 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

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|---------------------------------|--|
| 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

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| 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

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| 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

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|-------------------------|---|
| 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

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|------------------------------|---|
| Important Information | This SDS 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 SDS 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. |
| Contact Point | Peter Heath <i>Director</i> Tel No: 61 7 40512400 Fax No: 61 7 40315490 Mobile: 61 403184737 |

END OF SDS

