

SAFETY DATA SHEET

Safety Data Sheet according to WHS and ADG requirements

This material is classified as **Hazardous** according to the criteria of Safe Work Australia
This material is classified as **Non Dangerous** goods according to the criteria of the ADG Code

ECO STABILIZER – AOC4550 HEAVY DUTY NEUTRALIZER, CONDITIONER & DEGREASER

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name ECO STABILIZER (AOC4550) Heavy Duty Neutralizer, Conditioner and Degreaser
Product Code AOC4550
Product Use Neutralizing cooling system after cleaning with ECO SCALE AOC4500 Heavy Duty Hybrid Descaler, Water treatment and pH control
Company Name Australian Organic Coolants
Address PO Box 768, Bungalow, Queensland, 4870 AUSTRALIA
Telephone 61 7 4051 2400
Other Names
Other Information

2. HAZARDS IDENTIFICATION

Not classified as Dangerous Goods by the criterion of the Australian Dangerous Goods Code (ADG Code) for transport by Air, Road, Rail and Sea; NON-DANGEROUS GOODS.

This material is hazardous according to Safe Work Australia; HAZARDOUS CHEMICAL

Classification of the chemical:

Eye Irritation – Category 2A

SIGNAL WORD: WARNING



Hazard Statement(s):

H319 Causes serious eye irritation

Precautionary Statement(s):

Prevention:

P264 Wash hands thoroughly after handling

P280 Wear protective gloves / protective clothing / eye protection / face protection

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention

Storage:

No storage statements

Disposal:

No disposal statements

Poisons Schedule (SUSMP): None allocated

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Hazard Codes
Sodium carbonate	497-19-8	90%	H319
Other organic ingredients determined to be non hazardous		10%	



4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand (0800 764 766) or a doctor.

Inhalation:

Remove victim from area of exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact:

If skin contact occurs, removed contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

Eye Contact:

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.

Ingestion:

Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Never give anything by the mouth to an unconscious patient. Seek medical advice.

Indication of immediate medical attention and special treatment needed:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Not combustible, however, if medical is involved in a fire use: Extinguishing media appropriate to surrounding fire conditions.

Specific hazards arising from the chemical:

Non-combustible material.

Special protective equipment and precautions for fire-fighters:

Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures / Environmental precautions:

Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred, advise local emergency services.

Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:

Wear protective equipment to prevent skin and eye contact and breathing in dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water.

7. HANDLING AND STORAGE

Handling

Avoid skin and eye contact and breathing in dust. Avoid handling which leads to dust formation

Storage

Store in a cool, dry, well ventilated place. Store away from incompatible materials described in Section 10. Keep containers closed when not in use – check regularly for spills.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Control Parameters: No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standard(s) for particulates:

Dusts not otherwise classified: 8hr TWA + 10 mg/m³

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA – The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.



Appropriate engineering controls:

Ensure ventilation is adequate to maintain air concentrations below Workplace Exposure Standards. Keep containers closed when not in use.

If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering control, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements

Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods and environmental factors.



Wear overalls, chemical goggles and impervious gloves. Avoid generating and inhaling dusts. If determined by a risk assessment and inhalation risk exists, wear a dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Granular Solid
Colour:	White
Odour:	Odorless
Molecular Formula:	Na ₂ CO ₃
Solubility	Soluble in water
Specific Gravity	2.53
Relative Vapour Density (air=1):	Not applicable
Vapour Pressure (20°C):	Not applicable
Flash Point (°C):	Not applicable
Flammability Limits (%):	Not applicable
Auto ignition Temperature (°C):	Not applicable
Melting Point/Range (°C):	851
pH:	11.3 (1% in water)

10. STABILITY AND REACTIVITY

Reactivity:	Reacts with incompatible materials shows below.
Chemical stability:	Hygroscopic: absorbs moisture or water from surrounding air.
Possibility of hazardous reactions:	Reacts exothermically with strong acids evolving carbon dioxide.
Conditions to Avoid	Avoid dust generation. Avoid exposure to moisture. Avoid exposure to heat.
Incompatible materials:	Incompatible with phosphorus pentoxide, acids, aluminium, lead, magnesium, iron, zinc, fluorine.
Hazardous decomposition products:	Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	No adverse effects expected, however, large amounts may cause nausea and vomiting.
Eye contact:	An eye irritant.
Skin contact:	Contact with skin may result in irritation.
Inhalation:	Breathing in dust may result in respiratory irritation.
Acute toxicity:	Oral LD50 (rat) : 4090 mg/kg
Serious eye damage/irritation:	Moderate irritant (rabbit).
Chronic effects:	Not listed as carcinogenic according to the International Agency for Research on Cancer (IARC).

12. ECOLOGICAL INFORMATION

Ecotoxicity	Avoid contaminating waterways
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13. DISPOSAL CONSIDERATIONS

Disposal methods:	Refer to Waste Management Authority. Dispose of contents and container in accordance with local, regional, national, international regulations.
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14. TRANSPORT INFORMATION

Road and Rail Transport	Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.
Marine Transport	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.
Air Transport	Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Classification:	This material is hazardous according to Safe Work Australia; HAZARDOUS CHEMICAL.
Classification of the chemical:	Eye Irritation - Category
Hazard Statement(s):	H319 Causes serious eye irritation
Poisons Schedule (SUSMP):	None allocated

This material is listed on the Australian Inventory of Chemical Substances (AICs)

16. OTHER INFORMATION

Important Information	IMPORTANT ADVICE: 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 Director Phone: +61 7 40512400 Mobile: +61 403184737

END OF SDS

