

SAFETY DATA SHEET

[AQUASONIC Pty. Ltd.](http://aquasonic.com.au)

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OCEAN NATURE SEA SALT

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name	OCEAN NATURE SYNTHETIC SEA SALT
Product use	Aquarium and aquaculture When mixed to instruction creates natural sea water conditions from freshwater
Supplier details	Aquasonic Pty Ltd (ABN 70 001 427 256) 14 Commerce Street Wauchope NSW 2446 Australia Tel: +61 2 6586 4933 Fax: +61 2 6586 4944
Emergency contact	Poisons Information Centre Tel: 1800 039 008
Product size	2kg bag, 4kg bag, 10kg bucket, 20kg bucket, 20kg box
Product code	ON320, ON321, ON322B, ON324B, ON324

2. HAZARDS IDENTIFICATION

GHS Classification	Not a hazardous substance or mixture	
Hazard classification	Acute oral toxicity	Category 4
	Skin corrosion	Category 2
	Eye irritation	Category 2A

Symbol GHS



Signal word

Danger

Hazard statements

H302	Harmful if swallowed
H312	Harmful in contact with skin
H332	Harmful if inhaled

Precautionary statements

P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P302+P352	IF ON SKIN: Wash with plenty of soap and water
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical composition

Sodium Chloride | CAS #: 7647-14-5 | WT: Proprietary weight composition
Mixture of other non-toxic salts in a proprietary composition

4. FIRST-AID MEASURES

Swallowed	Rinse mouth with water. Give plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention
Eye	Immediately flush eyes with plenty of water for 15 minutes, holding eyelids open. In all cases of eye contamination, it is a sensible precaution to seek medical advice
Skin	Removed contaminated clothing. Wash affected area with plenty of soap and water for at least 15 minutes. Seek medical attention. Wash clothing before reuse
Inhaled	Remove victim from exposure to fresh air. If not breathing, apply CPR. If breathing is difficult, give oxygen. Seek medical attention

5. FIRE-FIGHTING MEASURES

Flammability	Non combustible
Extinguishing media	Use appropriate extinguishing media for surrounding fire
Decomposition products	In case of fire may produce toxic fumes of carbon dioxide and carbon monoxide
Flash point	No data available
Explosion limits	L.E.L. No data available U.E.L. No data available
Personal protective	Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and equipment protective firefighting clothing (including helmets, boots and gloves). Clear fire area of all non-emergency personnel. Eliminate ignition source. Move fire exposed containers from fire area if it can be done without risk. Do not allow firefighting water to reach waterways, drains or sewers. Store firefighting water for treatment

6. ACCIDENTAL RELEASE MEASURES

General response procedure	Keep unnecessary people away from spill. Personnel involved in clean up should wear full protective clothing as outlined in section 8. Eliminate sources of ignition. Stop leak/spillage if safe to do so. Small spills may be flushed to drains/sewers. Isolate area if large spill by sand bagging around edges and covering with plastic sheeting.
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Clean up procedure Contain and sweep/shovel up spills with adsorbent material. Transfer waste to a suitable, labelled chemical waste container and dispose of promptly as hazardous waste. Small spills may be flushed to drains or sewers

7. HANDLING AND STORAGE

Handling Observe personal hygiene practices. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not inhale vapours. Use in well-ventilated area

Storage Store in original packaging in a cool, dry area. Keep containers tightly closed when not in use. Protect from physical damage. Store away from incompatible materials as listed in section 8. Do not allow product to come into contact with acids or water. Do not store with acids. Keep at room temperature

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General No data available

Exposure limits No data available

Biological limits No data available

Engineering measures Prevention of spillage into the work environment is recommended

Personal protective EYES: Safety glasses with side shields, chemical goggles or face shield equipment
HANDS: Wear impervious gloves (Nitrile rubber recommended)
CLOTHING: Long-sleeved impervious protective clothing advised

Work hygienic practices Observe personal hygiene and personal protection practices. Wash hands thoroughly after handling product. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. Wash contaminated clothing before storage, or before reusing

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Solid

Appearance White crystalline powder

Colour White

Odour Slight characteristic odour

pH ~8.0 when mixed with water to instruction

Vapour pressure No data available

Relative vapour density No data available

Boiling point ~100°C when mixed with water to instruction

Melting point >800°C

Freezing point Not applicable

Solubility Soluble in water

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Specific gravity	1.021-1.023g/mL when mixed with water to instruction
Flash point	Not applicable
Auto ignition temperature	No data available
Evaporation rate	No data available
Bulk density	No data available
Corrosion rate	No data available
Decomposition temperature	No data available
Density	No data available
Specific heat	No data available
Molecular weight	No data available
Net propellant weight	No data available
Octanol water coefficient	No data available
Particle size	No data available
Partition coefficient	No data available
Saturated vapour	No data available
Vapour temperature	No data available
Viscosity	No data available
Volatile percent	No data available
VOC volume	No data available
Additional characteristics	No data available
Potential for dust explosion	No data available

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of use, storage and temperature
Conditions to avoid	Avoid storage with acidic/basic materials, moisture and ignition sources
Materials to avoid	Avoid acidic/basic materials
Hazardous decomposition	May produce toxic fumes of carbon dioxide and carbon monoxide products
Hazardous polymerisation	Does not occur

11. TOXICOLOGICAL INFORMATION

General	To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated
Inhaled	No data available
Ingestion	No data available
Skin contact	No data available
Eye	No data available
Chronic	No data available
Acute toxicity	No data available

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Carcinogen category No data available
Mutagenicity No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity No data available
Persistence/degradability No data available
Mobility No data available
Environmental fate No data available
Bioaccumulation potential None to be expected (Log P (o/w) <1)
Environmental impact No data available

13. DISPOSAL CONSIDERATIONS

General information Dispose of in accordance with local, state and federal regulations. All empty packaging should be disposed of in accordance with local, state and federal regulations
Special precautions for land fill Contact a specialist disposal company, or the local waste regulator for advice

14. TRANSPORT INFORMATION

Marine pollutant No
HAZCHEM Not applicable
Land transport Not regulated for transport of dangerous goods
Air transport Not regulated for transport of dangerous goods
Sea transport Not regulated for transport of dangerous goods
Proper shipping name Ocean Nature Synthetic Sea Salt
U.N number Not classified
Dangerous goods class Not regulated for transport of dangerous goods
Packaging method code No data available
Packing group number III
IERG number No data available
Special precautions for user Refer sections 7 and 8

15. REGULATORY INFORMATION

Australia inventory (AICS) Listed
ADG Not regulated for transport of dangerous goods

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16. OTHER INFORMATION

Key/Legend

<	Less than	L	Litre of liquid
>	Greater than	LC50	Lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% of a group of test animals
ADG	Australian Code for the Transport of Dangerous Goods by Road & Rail	LD50	Lethal dose. LD50 is the amount of material, given all at once, which causes the death of 50% of a group of test animals
AISC	Australian Inventory of Chemical Substances	L.E.L	Lower explosion limit
g	Gram	mg/L	Milligram per litre of liquid
g/L	Grams per litre	TWA	Time weighted average
H ₂ O	Chemical formula for water	U.E.L.	Upper explosion Limit
Kg	Kilogram		

History

Reviewed	00/00/2019
Revision	1.1
Revision reason	Amendments to meet GHS standards

Notice to reader

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental

information contained in it is accurate at the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the

product other than for that stated, without seeking prior advice from Aquasonic Pty. Ltd.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Aquasonic Pty. Ltd. shall not be deemed responsible for any damage or injury resulting from use, other than the stated use of the product, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the product. Purchasers of the product for supply to a third party for use, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken. You can contact Aquasonic Pty. Ltd. to ensure that this document is the most current available. Alteration of this document is strictly prohibited.

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