

SeaSmart® Marine toilet sanitizer Safety Data Sheet

1) Product and Company Identification

Trade Name	SeaSmart Marine Toilet Sanitizer
Generic Description	Blend of Cationic and non-ionic surfactants
CAS No	Not applicable – intentional mixture
Supplier	SeaSmart Marine Ltd, 17 Silver Business Park, Airfield Way, Christchurch, Dorset BH23 3TA. UK
Phone No	00 44 (0)1425 281004
Email	info@SeaSmartMarine.co.uk
Website	www.SeaSmartMarine.co.uk

2) Hazards Identification

Main Hazards	Irritant (Xi)
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3) Composition & Information on Ingredients

Product Description	Sanitiser. Proprietary blend of Cationic and non-ionic Surfactants, Stabilisers and edible colourant.		
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Hazardous Components	Approx%	Symbol	R Phrases
Laural Cationic Detergent	1-5%	C, N	R22, R34, R50
Myristyl Cationic Detergent	1-5%	C, N	R22, R34, R50
Alcohol Ethoxylate	1-10%		R36/38, R50

Product compositions are shown for HSE use and should not be regarded as forming any part of a formulation or specification

4) Health Hazard Data

Inhalation	Product does not have Occupational Exposure Limits
Skin Contact	Brief contact with the liquid is unlikely to have any adverse effect. This product is a detergent and may have a degreasing effect on the skin. Prolonged or repeated contact may result in irritation, redness or in extreme cases a burn

5) First Aid Measures

Inhalation	No adverse effects are predicted. Inhale fresh air if unusual effects are experienced.
Skin	Remove contaminated clothing. Vigorously flush all affected skin with water for 10 minutes. Do not replace contaminated clothing.
Eye	Immediately flush with water for at least 15 minutes. Obtain medical attention.
Ingestion	Dilute ingested chemical by drinking plenty of milk or water. Do not induce vomiting. Obtain medical attention.

6) Fire Fighting Measures

Auto Ignition Temp.	Not determined (will not support combustion).
Flammability	Not flammable.
Suitable Extinguishing Media	Dry chemical, foam or water.

7) Accidental Release Measures

Spillages	Absorb large spillages with any absorbent material or sand and dispose of according to local authority regulations. Small spillages may be rinsed away into sewerage system drains.
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8) Handling and Storage

Handling	Do not use this product for any purpose other than insertion into a SeaSmart Marine Toilet Sanitiser. The pouches are secure and should be inserted into the SeaSmart in accordance with the instructions.
Storage	Store at any ambient temperature.

9) Exposure Control & Personal Protection for large spillages

Inhalation	Wear suitable respiratory protection when working in spray/mist.
Skin	Wear suitable PVC or rubber gloves, footwear and apron .
Eyes	Wear close fitting goggles or face shield

10) Physical and Chemical Properties

Physical state @20°C	Blue Liquid
Odour	Negligible – characteristic of detergent Compounds
ph value 1% solution	7 (+/- 1)
Density gm/ml @20°C	0.97-1.00

11) Stability and Reactivity

Stability	Stable at ambient temperatures
Material to avoid	Anionic surfactants
Hazardous Decomposition Products	None Known

12) Toxicological Information

Acute Oral LD50 (rats)	>2000mg/kg
Dermal LD50 (rats)	>2000mg/kg

13) Ecological Information

Ecological information	Predicted value of >80% removal in OED test
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14) Disposal Considerations

Product disposal	See section 7
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15) Transport Information

Road Transport Notes	Not classified
Rail Transport Notes	Not classified
Sea Transport Notes	Not classified
Air Transport Notes	Not classified

This Product can therefore be transported by any and every means without restriction.

16) Regulatory Information

Labelling and classification	Irritant (Xi)
R Phrases	R36/38 - Irritating to Eyes and Skin
S Phrases	S24/25 -Avoid contact with skin and eyes S26 -In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 Wear suitable protective clothing, gloves and eye protection when dealing with large spillages.

Legal disclaimer. The information provided is based on our current knowledge and does not contain any technical or performance specification for this product. It does not purport to be comprehensive and is intended as a general guide to the health, safety and environmental implications of this product for handling during use. This product is designed solely for use in SeaSmart Luxury Marine Toilet Sanitisers and should only be used in accordance with the instructions provided. Since conditions of use are outside our control, SeaSmart Marine Ltd cannot accept any liability of any nature, resulting from its use.