

## MARINE SCREEN CLEAN

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### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: MARINE SCREEN CLEAN  
Product code: ENS/SC10/11  
Company name: ENSEARCH LTD  
Unit 10, Bunkers Hill  
Walsingham  
Norfolk  
NR22 6AZ  
England  
Tel: 01328 822297  
Fax: 01328 821773

### 2. COMPOSITION

General: Proprietary blend.

### 2. HAZARDOUS INGREDIENTS

Component: PROPAN-2-OL: 10-20%: EINECS 200-661-7: CAS 67-63-0;  
F: R11; Xi: R36/R67  
BUTYL GLYCOL: 1-3%: EINECS 203-905-0: CAS 111-76-2;  
[Xn] R20/21/22; [Xi] R36/38

### 4. HAZARDS

Health: Irritating to eye.  
Physical / Chemical: Vapours may cause drowsiness and dizziness.  
Fire / Explosion: Can release vapours that readily form flammable mixtures.

### 4. FIRST AID MEASURES

Inhalation: Remove casualty from exposure, ensuring ones own safety. Administer artificial respiration if breathing has stopped. Keep at rest. In case of persistent symptoms, consult doctor.  
Eye contact: Rinse with plenty of water, until irritation subsides (at least 15 minutes). If irritation persists, seek medical advice.  
Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Get prompt medical attention..  
Skin Contact: Wash with plenty of soap and water after use. Remove grossly contaminated clothing & laundry before re-use. If irritation occurs, get medical attention.

### 5. FIRE-FIGHTING MEASURES

Extinguishing media: Use water, alcohol resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>) or water spray to extinguish fire.  
Media NOT to be used: None.  
Special Precautions: Beware slippery conditions.  
Hazardous Combustion Products: Fumes, smoke, carbon dioxide (CO<sub>2</sub>), and carbon monoxide (CO).  
Protection for fire-fighters: Self-contained breathing apparatus. Where protective clothing to avoid contact with skin and eyes.

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### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	See Section 8. Evacuate non-essential staff and those not equipped with protection apparatus.
Small Spills:	Floor may become slippery. Absorb with inert material such as sand or earth.
Large Spills:	Collect the spill in a suitable container. Prevent from entering sewers, watercourses or low areas. Beware slippery conditions.
Cleaning Up:	Absorb with sand or earth. Do not use equipment that may produce sparks.

### 7. HANDLING AND STORAGE

Handling and Storage	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Precautions:	Keep container tightly closed. Avoid extremes of temperature and direct sunlight. Keep away from heat sources, sparks, naked flames and strong oxidants.
Storage conditions:	Keep only in original packaging.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient:	OES: 400ppm LT(8 hrs); 500ppm ST(15 min)
Respiratory:	Use outdoors or in an adequately ventilated area. Do not breathe in.
Skin:	Avoid contact with sensitive skin. Avoid sustained, prolonged or repeated contact with skin. Wash skin with soap and water after use.
Eye:	Avoid contact with eyes.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odour:	Moderate
Water solubility:	Miscible
Boiling Point / Range:	90-100°C
Flash Point:	35°C
Flammability:	Flammable
Autoflammability:	N/A
Flammability Limits:	N/A

### 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	High temperatures, sources of ignition.
Materials to avoid:	Strong oxidants / oxidising agents.
Haz. decomp. products:	In combustion emits carbon dioxide & carbon monoxide.

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### 11. TOXICOLOGICAL DATA

Hazardous ingredients:	PROPAN-2-OL
Toxic dose 1:	IVN RAT LD50 1088 mg/kg ORL MUS LD50 3600 mg/kg ORL RAT LD50 5045 mg/kg SCU MUS LDLO 6 gm/kg
Chronic toxicity:	Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema. Frequent or prolonged skin contact may irritate and cause dermatitis.
Routes of exposure:	See section 4 of this MSDS for symptoms.

### 12. ECOLOGICAL INFORMATION

Hazardous ingredients:	PROPAN-2-OL minimal toxicity
Mobility:	Soluble in water. Readily absorbed into soil.
Biodegradation:	Expected to be biodegradable.
Aquatic Toxicity:	Not expected to be harmful to aquatic organisms.

### 13. DISPOSAL CONSIDERATIONS

Method:	Use certified chemical waste disposal.
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### 14. TRANSPORT INFORMATION

ADR / RID	
UN no:	1993
ADR Class:	3
Packing group:	III
Classification code:	F1
Shipping name:	FLAMMABLE LIQUID, N.O.S.
Labelling:	3 Hazard ID no: 30

IMDG/IMO	
UN no:	1219 Class: 3
Packing group:	III
EmS:	F-E,S-D
Marine pollutant:	NO
Labelling:	3

IATA/ICAO	
UN no:	1219 Class: 3
Packing group:	II
Packing instructions:	305(P&CA); 307(CAO)
Labelling:	3

### 15. REGULATORY INFORMATION

Risk phrases:	R10: Flammable. R36: Irritating to eyes.
Safety phrases:	S7: Keep container tightly closed. S16: Keep away from sources of ignition – No smoking. S24/25: Avoid contact with skin and eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical

### 16. OTHER INFORMATION

DISCLAIMER:	The data herein is given in good faith and based on the best of our knowledge at the date of issue of this document. Each user is responsible for determining the suitability of the material in their particular application and that such usage complies with applicable legislative rules and regulations. However, no representation, warranty of guarantee is made as to its accuracy, reliability or completeness.
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