

Safety Data Sheet

ENSEARCH The Boaters' Grail

ENSEARCH LTD. Unit 10, Bunkers Hill, Walsingham, Norfolk. NR22 6AZ

Tel: +44 1328 822297 Fax: +44 1328 821773 Email:ensearch@ensearch.co.uk Issued: 7/2/2012

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GENERAL

Company name: ENSEARCH LTD.
Unit 10, Bunkers Hill,
Walsingham,
Norfolk. NR22 6AZ
Tel: +44 1328 822297
Fax: +44 1328 821773

1. PRODUCT DESCRIPTION

Product name: The Boater's Grail
Product code: ENS/C174/0H
Product description: Rapid Shine and colour enhancer for fibreglass boats.

2. COMPOSITION / HAZARDOUS INGREDIENTS

Component:	Alkanes, C11-15-ISO.	Naptha, petroleum	Silane
%:	80-90%	1-5%	1-5%
EINECS No:	292-460-6	265-067-2	
CAS No:	90622-5	8-564741-65-7	10217-34-2
Symbol/risk phrase:	Xn/R65, R66	Xn 65-66	Xi 43-52/53

3. HAZARDS

Health: Repeated exposure to petroleum distillates may cause skin dryness/cracking.
May cause lung damage if swallowed.

Physical / chemical: None

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 & launder before re-use. If irritation occurs, get medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use alcohol resistant foam, dry chemical, carbon dioxide (CO₂) or water spray to extinguish fire.

Media NOT to be used: Water jet

Special precautions: Beware slippery conditions.

Hazardous combustion products: Fumes, smoke, carbon dioxide (CO₂) 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.
Clean-up procedures:	Absorb with sand or earth. Do not use equipment that may produce sparks.

7. HANDLING AND STORAGE

Handling and storage precautions:	Keep container tightly closed. Avoid extremes of temperature and direct sunlight. Keep away from heat sources, sparks, naked flames and strong oxidants. Keep only in original packaging.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients:	Alkanes, C11-15-ISO WEL (8hr TWA): 1200mg/m ³ (171 ppm)
Respiratory protection:	Use outdoors or in an adequately ventilated area. Wear a mask to avoid breathing in.
Skin protection:	Avoid contact with sensitive skin. Avoid sustained, prolonged or repeated contact with skin. Wash skin with soap and water after use.
Eye protection:	Safety glasses with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Liquid
Colour:	Clear
Odour:	None
Water solubility:	Non-miscible
Boiling point/range °C:	185 - 213
Flash point° C:	>62
Flammability:	Low
Autoflammability:	>200
Flammability limits:	0.6 – 7 vol%
Vapour pressure:	0.4kPa @ 50mmHg
VOC g/l:	770

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Open flames and other high energy sources of ignition.
Materials to avoid:	Strong oxidants / oxidising agents.
Haz. decomp. products:	In combustion emits carbon dioxide and carbon monoxide.

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11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: Alkanes, C11-15-ISO
WEL (8hr TWA): 1200mg/m³ (171 ppm)

Exposure limits: IHL RAT LC50 (4h) >4.7mg/L
ORL LD50 > 10000mg/kg
SKN LD50 > 3160mg/kg

Skin contact: Frequent or prolonged contact may cause irritation and dermatitis. Low order of toxicity.

Routes of exposure: See section 4 of this MSDS for symptoms.

12. ECOLOGICAL INFORMATION

Hazardous ingredients: Alkanes, C11-15-ISO
DAPHNIA 96H LL50 > 100mg/l

Mobility: Highly volatile. Not expected to partition to sediment and wastewater solids.

Biodegradation: Expected to be inherently biodegradable. Can degrade rapidly in air.

Aquatic toxicity: Not expected to be harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Method: Use certified chemical waste disposal.

14. TRANSPORT INFORMATION

Regulated / non regulated: Not classified by road, sea, or air.

15. REGULATORY INFORMATION

Hazard symbol: Harmful



Risk phrases: R65: harmful: may cause lung damage if swallowed.
R66: repeated exposure may cause skin dryness or cracking.

Safety phrases: S23: do not breathe gas/ fumes/ vapour/ spray
S24: avoid contact with skin.
S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

R-phrases of components from section 3:

R43 may cause sensitization by skin contact.
R52/53 harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 harmful: may cause lung damage if swallowed.
R66 repeated exposure may cause skin dryness or cracking.

Legal 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.