

Safety Data Sheet

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

The product is identified as **Pre Wax Heavy Duty Boat Soap**

1.2 Recommended and restrictions on use.

This substance or mixture is intended for use in the care and maintenance of boats, yachts, and other marine craft specifically those surfaces of gel coated fibreglass or painted steel.

1.3 Details of the supplier

Company Name:	APEX Marine Coatings
Street:	50 Housatonic Avenue, Stratford, CT 06615
E-mail:	mark@apexmarinecoatings.com
Telephone	1-646-706-3462

1.4 Emergency telephone number

Poison Control Center: 1-800-222-1222 (24 hrs)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Eye Dam. 1; H318

Skin Irrit. 1; H314

Acute Tox. 4; H312

2.2. Label elements

Hazard components for labelling

Isotridecanol, ethoxylated (>5-20 EO)¹ Alcohols, C9-11 ethoxylated¹ caustic potash, potassium hydroxide
Quaternary coco alkyl methyl amine ethoxylate methyl chloride

Signal Word

Danger

Pictograms



Hazard Statements

H318	Causes serious eye damage
H314	Causes severe skin burns and eye damage.
H312	Harmful if swallowed

Precautionary statements

P102	Keep out of reach of children.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.

Safety Data Sheet

P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection
P264+P265	Wash hands thoroughly after handling. Do not touch eyes.
P301+P330+P331+P316	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call Poison Control Centre: 1-800-222-1222
P305+P354+P338	IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352+P362+P364	IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P403+P235	Store in a well-ventilated place.
P501	Dispose of contents and container in accordance with local regulations

2.3 Other hazards

Do not mix with acids. Process vapors can irritate airways, skin and eyes. Avoid the formation of aerosol.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
69011-36-5	Isotridecanol, ethoxylated (>5-20 EO) ¹			1 - < 5 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			
68439-46-3	Alcohols, C9-11 ethoxylated ¹			1 - < 5 %
	Eye Dam. 1; H318			
1310-58-3	caustic potash, potassium hydroxide			1 - < 5 %
	215-181-3	019-002-00-8	01-2119487136-33	
	Met. Corr. 1, Acute Tox. 4, Skin Corr. 1A; H290 H302 H314			
1554325-20-0	Quaternary coco alkyl methyl amine ethoxylate methyl chloride			1 - < 5 %
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1; H302 H315 H318			
1310-73-2	Sodium hydroxide; caustic soda			0.1 - < 1 %
	215-185-5	011-002-00-6	01-2119457892-27	
	Skin Corr. 1A; H314			

3.2 Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
69011-36-5		Isotridecanol, ethoxylated (>5-20 EO) ¹	1 - < 5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg	
68439-46-3		Alcohols, C9-11 ethoxylated ¹	1 - < 5 %
		oral: LD50 = >2000 mg/kg	
1310-58-3	215-181-3	caustic potash, potassium hydroxide	1 - < 5 %
		oral: LD50 = 273 mg/kg Skin Corr. 1A; H314: >= 5 - 100 Skin Corr. 1B; H314: >= 2 - < 5 Skin Irrit. 2; H315: >= 0,5 - < 2 Eye Irrit. 2; H319: >= 0,5 - < 2	

Safety Data Sheet

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
1554325-20-0		Quaternary coco alkyl methyl amine ethoxylate methyl chloride	1 - < 5 %
		oral: LD50 = >300 - <2000 mg/kg	
1310-73-2	215-185-5	Sodium hydroxide; caustic soda	0.1 - < 1 %
		Skin Corr. 1A; H314: >= 5 - 100 Skin Corr. 1B; H314: >= 2 - < 5 Skin Irrit. 2; H315: >= 0,5 - < 2 Eye Irrit. 2; H319: >= 0,5 - < 2	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection! Call a doctor for medical advice.

After inhalation

Following inhalation: Move victim to fresh air. Instruct person to keep calm and warm. If unconscious but breathing normally, place in recovery position and seek medical advice. Call a doctor immediately

After contact with skin

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Call a physician immediately. Put victim at rest, cover with a blanket and keep warm. After cleaning apply high-fat content skin care cream. Do not wash off with acidic cleaning agents.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Rinse mouth thoroughly with water. Drink water in little sips (dilution effect). Do not allow a neutralisation agent to be drunk.

In case of accident or unwellness, Do **NOT** induce vomiting. If swallowed, **Call Poison Control Centre: 1-800-222-1222** (show directions for use or safety data sheet if possible).

4.2. Most important symptoms and effects, both acute and delayed

Stomach-Ache, Spasms, Headache, Nausea.

4.3. Indication of any immediate medical attention and special treatment needed

Alkaline cleaning agent. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

No special fire protection measures are necessary.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus and protective clothing.

Safety Data Sheet

Additional information

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Use water spray jet to protect personnel and to cool endangered containers

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Wear personal protection equipment. Keep away from unprotected people. Keep upwind. Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes. Provide adequate ventilation.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter soil/subsoil. Dilute with plenty of water. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities

6.3. Methods and material for containment and cleaning up

Methods of cleaning - small amounts of spilled material: Dilute with plenty of water.

Methods of cleaning - large amounts of spilled material: Take up mechanically, placing in appropriate containers for disposal. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

6.4 Reference to other sections

Personal protection equipment: see section 8

Safe handling: see section 7

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Wear personal protection equipment (refer to section 8). Avoid contact with skin, eyes and clothes. Do not breathe gas/vapour/aerosol. Do not mix with acids.

Advice on protection against fire and explosion

The product itself does not burn.

Advice on general occupational hygiene

Avoid contact with skin and eyes.

Take off immediately all contaminated clothing.

Wash hands before breaks and after work.

When using do not eat or drink.

Protect skin by using skin protective cream.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in original container. Keep container tightly closed. Keep locked up and out of reach of children.

Hints on joint storage

Do not store together with: acid.

Safety Data Sheet

Keep away from food, drink and animal feeding stuff.

Further information on storage conditions

Recommended storage temperature up to <30°C

7.3 Specific end use(s)

This substance or mixture is intended for use in the care and maintenance of boats, yachts, and other marine craft specifically those surfaces of gel coated fibreglass or painted steel

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1310-58-3	Potassium hydroxide	-	2		STEL (15 min)	WEL
1310-73-2	Sodium hydroxide	-	2		STEL (15 min)	WEL

8.2. Exposure controls / personal protection

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations

Individual protection measures, such as personal protective equipment eye/face protection

Tightly sealed safety glasses.

Hand protection

When handling with chemical substances, protective gloves must be worn including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves are to be worn.

PVC (polyvinyl chloride) (Thickness of the glove material: 0,5mm)

Butyl caoutchouc (butyl rubber) (Thickness of the glove material: 0,5mm)

CR (polychloroprene, chloroprene rubber) (Thickness of the glove material: 0,5mm)

NBR (Nitrile rubber) (Thickness of the glove material: 0,35mm)

FKM (fluoro rubber) (Thickness of the glove material: 0,4mm).

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves

Skin protection

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Unsuitable material: Natural fibres (e.g. cotton)

Respiratory protection

Suitable respiratory protection apparatus: Half-face mask, Filter type: B-P2

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

liquid

Safety Data Sheet

Color	clear green yellow
Odor	product-specific
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range	102 °C
Flammability	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	not determined
Auto-ignition temperature:	>250 °C
Decomposition temperature:	not determined
pH-Value (at 20 °C):	13.3-13.8
Viscosity / kinematic:	not determined
Water solubility:	miscible
Solubility in other solvents	not determined
Partition coefficient n-octanol/water:	not determined
Vapour pressure (at 20 °C)	23 hpa
Density (at 20 °C)	1.09 g/cm ³
Relative vapour density	not determined
Particle characteristics	not determined

9.2. Other information

Information regarding physical hazard classes

Explosive properties	not explosive
Self-ignition temperature	
Solid:	not determined
Gas	not determined
Oxidizing properties	not oxidizing

Other safety characteristics

Evaporation rate	not determined
Solvent separation test	not determined
Solvent content	0%
Viscosity / dynamic:	not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No risks worthy of mention.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Violent reaction with: acid, concentrated.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available

Safety Data Sheet

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapors.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

ATE mix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
69011-36-5	Isotridecanol, ethoxylated (>5-20 EO) ¹				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rabbit		
68439-46-3	Alcohols, C9-11 ethoxylated ¹				
	oral	LD50 >2000 mg/kg	Rat		
1310-58-3	caustic potash, potassium hydroxide				
	oral	LD50 273 mg/kg	Rat	RTECS	
1554325-20-0	Quaternary coco alkyl methyl amine ethoxylate methyl chloride				
	oral	LD50 >300 - <2000 mg/kg	Rat		

Irritation and corrosivity

Skin corrosion/irritation: Causes severe skin burns and eye damage. (On basis of test data)

Serious eye damage/eye irritation: Causes serious eye damage. (On basis of test data)

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

Has de-greasing effect on the skin. Apply skin care products after work

Safety Data Sheet

11.2 Information on other hazards

Endocrine disrupting properties

No data available

SECTION 12: Ecological information

Not required by OSHA HCS.

Contact APEX Marine Coatings for additional information.

SECTION 13: Disposal considerations

Not required by OSHA HCS.

Dispose in accordance with applicable regulations. Do not discharge to sewer. Refer to Section 8 for exposure controls.

SECTION 14: Transport information

Not required by OSHA HCS.

SECTION 15: Regulatory information

Not required by OSHA HCS.

SECTION 16: Other information

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