

Safety Data Sheet

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

1.1 Product identifier

The product is identified as **Clean and Gloss**.

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

Skin Irrit. 2; H315

Eye Dam. 1; H318

2.2. Label elements

Hazard components for labelling

Sulfonic acids, C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene, sodium salts
Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO)

Signal Word

Danger

Pictograms



Hazard Statements

H315	Causes skin irritation.
H318	Causes serious eye damage

Precautionary statements

P102	Keep out of reach of children.
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

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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.

P501 Dispose of contents and container in accordance with local regulations

SECTION 3: Composition/information on ingredients

3.1 Mixtures

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
68439-57-6	Sulfonic acids, C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene, sodium salts			15 - < 25 %
	931-534-0		01-2119513401-57	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO)			5 - < 15 %
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 2; H315 H318 H411			
15763-76-5	odium/potassium 4-isopropylbenzenesulfonate			1 - < 5 %
	239-854-6		01-2119489411-37	
	Eye Irrit. 2; H319			
5989-27-5	Fragrance Limonene			0,01-<0,1 %
	227-813-5	601-029-00-7	01-2119529223-47	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H400 H410			
122-99-6	2-phenoxyethanol			0.1 - < 1 %
	204-589-7	603-098-00-9	01-2119488943-21	
	Acute Tox. 4, Eye Dam. 1, STOT SE 3; H302 H318 H335			
78-70-6	Fragrance Linalool			< 0.1 %
	201-134-4	603-235-00-2	01-2119474016-42	
	Skin Sens. 1B; H317			
4299-07-4	2-n-butyl-benzo[d]isothiazol-3-one			< 0.1 %
	420-590-7	606-079-00-3	01-0000016721-74	
	Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H314 H318 H317 H400 H410			
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine			< 0.1 %
	219-145-8		01-2119980592-29	
	Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H301 H314 H318 H373 H400 H410			

3.2 Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
68439-57-6	931-534-0	Sulfonic acids, C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene, sodium salts	15 - < 25 %

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CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
		dermal: LD50 = >4000 mg/kg; oral: LD50 = >8000 mg/kg Skin Irrit. 2; H315: >= 5,1 - 100 Eye Dam. 1; H318: >= 38,1 - 100 Eye Irrit. 2; H319: >= 5,1 - < 38,1	
68891-38-3	500-234-8	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO)	5 - < 15 %
		dermal: LD50 = >4000 mg/kg; oral: LD50 = >8000 mg/kg Eye Dam. 1; H318: >= 10 - 100 Eye Irrit. 2; H319: >= 5 - < 10	
15763-76-5	239-854-6	odium/potassium 4-isopropylbenzenesulfonate	1 - < 5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg	
5989-27-5	227-813-5	Fragrance Limonene	0,01-<0,1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	
122-99-6	204-589-7	2-phenoxyethanol	0.1 - < 1 %
		dermal: LD50 = >2000 mg/kg; oral: ATE 1394 mg/kg	
4299-07-4	420-590-7	2-n-butyl-benzo[d]isothiazol-3-one	< 0.1 %
		Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=10	
2372-82-9	219-145-8	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine	< 0.1 %
		oral: ATE = 100 mg/kg Aquatic Acute 1; H400: M=10 Aquatic Chronic 1; H410: M=1	

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Avoid contact with eyes

After inhalation

Not applicable

After contact with skin

Rinse with water. After cleaning apply high-fat content skin care cream.

After contact with eyes

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

After ingestion

Do NOT induce vomiting.

Have victim drink large quantities of water, with active charcoal if possible.

In case of accident or unwellness, Do **NOT** induce vomiting. **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

No known symptoms to date.

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

Give Dimeticon (Defoamer)

SECTION 5: Firefighting measures

5.1. Extinguishing media

The product itself does not burn.

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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

No special fire protection measures are necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

The following must be prevented: Eye contact and skin contact.

6.2. Environmental precautions

Suitable material for diluting or neutralizing: Water.

6.3. Methods and material for containment and cleaning up

Methods of cleaning - large amounts of spilled material; Take up mechanically.

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid eye contact and skin contact.

Advice on protection against fire and explosion

No special measures are necessary.

Advice on general occupational hygiene

Avoid eye contact and skin contact.

Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store only in original container.

Hints on joint storage

No special measures are necessary.

Further information on storage conditions

Recommended storage temperature up to °C 30°

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

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To date, no national critical limit values exist

8.2. Exposure controls / personal protection

Eye/face protection

Wear eye/face protection.

Hand protection

Suitable material: / penetration time (maximum wearing period): / Thickness of the glove material:
 PVC (polyvinyl chloride) / $\geq 8h$ / 0,5mm
 Butyl caoutchouc (butyl rubber) / $\geq 8h$ / 0,5mm
 CR (polychloroprenes, Chloroprene rubber). / $\geq 8h$ / 0,5mm
 NBR (Nitrile rubber) / $\geq 8h$ / 0,35mm
 FKM (fluoro rubber) / $\geq 8h$ / 0,4mm.

Skin protection

Body protection not required.

Respiratory protection

Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Color	Red clear
Odor	Fruity
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range	102 °C
Flammability	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Flash point:	not applicable
Auto-ignition temperature:	not applicable
Decomposition temperature:	not determined
pH-Value (at 20 °C):	6,0-8,0
Viscosity / kinematic:	1040-2080 mm ² /s
Water solubility:	complete 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)	1.04 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 applicable
Gas	not applicable
Oxidizing properties	not oxidizing

Other safety characteristics

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Evaporation rate	not determined
Solvent separation test	not determined
Solvent content	0%
Viscosity / dynamic:	1000-2000 mPa·s

Further Information

Not combustible

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

No risks worthy of mention.

10.4. Conditions to avoid

No risks worthy of mention.

10.5. Incompatible materials

none

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
68439-57-6	Sulfonic acids, C14-16 (even numbered)-alkane hydroxy and C14-16 (even numbered)-alkene, sodium salts				
	oral	LD50>8000 mg/kg	Rat		
	dermal	LD50 >4000 mg/kg	Rat		
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (2 EO)				
	oral	LD50 mg/kg >8000	Rat		
	dermal	LD50 mg/kg >4000	Rat		
15763-76-5	odium/potassium 4-isopropylbenzenesulfonate				
	oral	LD50 mg/kg >2000	Rat		OECD 401

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	dermal	LD50 mg/kg >2000	Rabbit		OECD 401
5989-27-5	Fragrance Limonene				
	oral	LD50 mg/kg > 2000	Rat		
	dermal	LD50 mg/kg > 2000	Rabbit	IUCLID	
122-99-6	2-phenoxyethanol				
	oral	ATE 1394 mg/kg			
	dermal	LD50 >2000 mg/kg	Rabbit		
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine				
	oral	ATE100 mg/kg			

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.
 Serious eye damage/eye irritation: Causes serious eye damage.
 Causes serious eye damage.
 Causes skin irritation.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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.

11.2 Information on other hazards

Has de-greasing effect on the skin. After cleaning apply high-fat content skin care cream

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.

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SECTION 15: Regulatory information

Not required by OSHA HCS.

SECTION 16: Other information

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