

BIO FOAM

Version: 1.1

Released: 2022-08-17

Revision Date: 2022-08-17

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

Supplier: Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
+1 619 449 5000

Product Name: Bio Foam kit

Article Number: 80-86932

Applications: Degreaser

Emergency Telephone: CHEMTREC +1 703 527 3887 (24 hours)

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Irritant Category 2
Eye Damage Category 1

GHS Pictogram



Signal Word Hazard Statements

Danger!
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary Statements

Prevention P264 Wash skin thoroughly after handling.
P280 Wear protective gloves eye protection and face protection.

Response P302 + P352 IF ON SKIN: Wash with soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor.
P337 + P313 If eye irritation persists: Get medical attention.
P362 Take off contaminated clothing.

Storage None

Disposal P501 Dispose of contents and container in accordance with local, regional and national regulations.

Other Hazards None



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3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Content %	CAS Number
Decan-1-ol, ethoxylated	5-10	26183-52-8
Octan-1-ol, ethoxylated	5-10	27252-75-1
Quaternary ammonium compounds, coco alkylbis(2-hydroxyethyl)methyl, ethoxylated, chlorides	1-5	61791-10-4
Alcohols, C12-14, ethoxylated	1-5	68439-50-9
Sodium N-lauroyl-sarcosinate	0.5-<2	137-16-6

The specific identity and/or exact percentage has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation	If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.
Skin Contact	Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.
Eye Contact	Important! Immediately flush eyes with large amounts of tepid water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Get medical attention.
Ingestion	If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Most Important Symptoms	Causes serious eye damage. Causes skin irritation. Inhalation of vapors or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Indication of Immediate Medical Attention Needed	Immediate medical attention required in the case of contact with eyes.
Notes to Physician	Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Specific Hazards Arising From The Chemical	This material will burn although it is not easily ignited. Combustion will produce carbon oxide and unidentified organic compounds.



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Special Protective Equipment And Precautions For Fire-Fighters

Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective equipment. Wash thoroughly after handling. See also: "Personal Protection "section 8.
Environmental Hazards	Avoid release into the environment. Report spill as required by local and federal regulations.
Methods/Materials for Cleaning up	Dike spill and collect with an inert absorbent. Place into closable containers for disposal. Collected material is handled in accordance with section 13 "Disposal Considerations".

7. HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with skin, eyes and clothing. Avoid breathing vapors and mists. Wear protective clothing and equipment. Wash thoroughly with soap and water after handling. Remove soaked clothing and launder before re-use.
Conditions for Safe Storage	Store in a cool area away from oxidizing agents. Protect containers from physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits	Decan-1-ol, ethoxylated	None Established
	Octan-1-ol, ethoxylated	None Established
	Quaternary ammonium compounds, coco alkylbis(2-hydroxyethyl)methyl, ethoxylated, chlorides	None Established
	Sodium N-lauroyl-sarcosinate	None Established
	Alcohols, C12-14, ethoxylated	None Established

Appropriate Engineering Controls Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

Personal Protection

Respiratory Protection: None needed under normal use conditions with adequate ventilation. If exposure limits are exceeded, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory



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protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Eye Protection: Chemical safety goggles should be worn if splashing is possible.

Skin/Body Protection: No special protective clothing is normally required. If there is a potential for prolonged skin contact, wear a long sleeved shirt and apron. Neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.

Hand Protection: Use nitrile or neoprene gloves for prolonged or repeated skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Clear
Odor	Mild
Odor Threshold	No data available
pH	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	>100°C (surfactants)
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper Explosion Limit	No data available
Lower Explosion Limit	No data available
Vapor Pressure	No data available
Vapor Density (Air=1)	No data available
Relative Density	No data available
Solubility	Soluble
Partition Coefficient: n-octanol/water	No data available
Auto Ignition Temperature	No data available
Decomposition Temperature	No data available
Volatile Organic Compounds (VOC)	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Reactivity	Not expected to be reactive.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	None known.



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Conditions to Avoid	None known.
Incompatible Materials	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Product	Thermal decomposition may produce carbon oxides and unidentified organic compounds.

11. TOXICOLOGICAL INFORMATION

Potential Health Hazards

Eye Contact: Causes serious eye damage with redness, tearing and pain. May cause damage to the cornea, iris or conjunctiva.

Skin Contact: Causes skin irritation with non-allergic dermatitis.

Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract.

Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.

Chronic Effects of Overexposure: None known.

Sensitization: None of the components have been found to cause sensitization in animals or humans.

Mutagenicity: This product is not expected to cause mutagenic activity.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

Carcinogenicity: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Acute Toxicity:

Decan-1-ol, ethoxylated	Oral rat LD50 >5000 mg/kg Dermal rabbit LD50 >2000 mg/kg
Octan-1-ol, ethoxylated	NA
Cocoalkyl-methyl[polyoxy-ethylene] ammonium chloride	Oral rat LD50 >2000 mg/kg
Alcohols, C12-14, ethoxylated	Oral rat LD50 >2000 mg/kg Dermal rabbit LD50 >2000 mg/kg
Sodium N-lauroylsarcosinate	Oral rat LD50 >5000 mg/kg Inhalation rat LC50 1-5 mg/L (4h)

12. ECOLOGICAL INFORMATION

Ecotoxicity

Cocoalkyl-methyl[polyoxy-ethylene] ammonium chloride	LC50 fish/invertebrates/algae >10-<100 mg/L
Alcohols, C12-14, ethoxylated	LC50 fish/invertebrates/algae >0.1-<1 mg/L
Sodium N-lauroylsarcosinate	72 hr ErC50 Desmodesmus subspicatus 79 mg/L

Biodegradation

Surfactant mixture of:
Decan-1-ol, ethoxylated,
Octan-1-ol, ethoxylated,



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Quaternary ammonium
compounds, coco alkylbis(2-
hydroxyethyl)methyl,
ethoxylated, chlorides and
Alcohols, C12-14, ethoxylated

Carbon dioxide generation 61.3 % (28 d, OECD TG 301 B) (readily
biodegradable)

Sodium N-lauroylsarcosinate

Carbon dioxide generation 82 % (28 d, ISO 14593) (readily
biodegradable)

Bioaccumulation

Bioaccumulation potential is low base on components.

Mobility in soil

The product is water soluble and have a high mobility in soil.

Other adverse effects:

None known.

13. DISPOSAL CONSIDERATIONS**Disposal**

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form

Special precautions: None known.

15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Acute health hazard.

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313: None.



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California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other and reproductive defects.

Chemical Inventories

Toxic Substances Control Act: All of the components of this product are listed on the TSCA inventory.

16. OTHER INFORMATION

NFPA Rating (NFPA 704):	Health: 2	Fire: 0	Instability: 0
HMIS Rating:	Health: 2	Fire: 0	Physical Hazard: 0

Date of Revision: August 17, 2022

Date of Previous Revision: None

Revision History:

New document.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.