

Product ProBac QuickClean Foam
 Revision Date 10/01/2015
 Revision 1



Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name	ProBac QuickClean Foam
Identifier Uses	To be used for commercial applications.
Supplier	MicroSpring International LLC 1148 Elizabeth Ave., Suite B Lancaster, Pa. 17601 Tel: 866 864-3150 (Toll free USA only), 717 208-7863 (office)
Contact Person	Info@microspringintl.com
Emergency Telephone	(800) 424-9300 (Chemtrec)

SECTION 2: HAZARDS IDENTIFICATION

Appearance	Solid.
Color	Cream.
Odor	No odor information available.

Pictogram(s)



Signal Word	Danger
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Hazard Statements	H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction H318 Causes serious eye damage.
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Precautionary Statements	P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P280 Wear protective gloves/ protective clothing/eye protection/face protection. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P310 Immediately call a POISON CENTER or doctor/physician P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P261 Avoid breathing dust/fume/ gas/mist/vapours/spray. P273 Avoid release to the environment.
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Contains	sodium dodecyl sulphate dodecan-1-ol (R)-p-mentha-1,8-diene
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GHS Classification	Not classified
Physical and Chemical Hazards	
Human Health	Acute Tox 4 - H302, Skin Irrit.2 - H315, Eye Dam. 1 - H318, Skin. Sens 1 B- H317,
Environment	Aquatic Acute 2 - H401, Aquatic Chronic 2 - H411

OSHA Regulatory Status	This product is Hazardous under the OSHA Hazard communication Standard.
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Inhalation	No specific symptoms noted, inhalation is not believed to be a likely route of exposure.
Ingestion	Harmful if swallowed.

Skin contact	Irritation or pain may occur at the site of contact. May cause allergic reactions.
Eye contact	Extreme irritation of eyes and mucous membranes, including burning and tearing. Causes serious eye damage.
Routes of Exposure	No Information available.
Other Hazards	Not applicable.

SECTION 3: Composition/Information on Ingredients

Name	Product Identifier	GHS Classification	%
sodium dodecyl sulphate	CAS-No.: 151-21-3 EC No.: 205-788-1	Acute Tox 4 - H302, Skin Irrit.2 - H315, Eye Dam. 1 - H318, Aquatic Chronic 3 - H412	60-100%
dodecan-1-ol	CAS-No.: 112-53-8 EC No.: 203-982-0	Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411, Eye Irrit.2A - H319	1-10%
sodium sulphate	CAS-No.: 7757-82-6 EC No.: 231-820-9		1-10%
sodium chloride	CAS-No.: 7647-14-5 EC No.: 231-598-3		0-1%
water	CAS-No.: 7732-18-5 EC No.: 231-791-2		0-1%
sodium hydrogencarbonate	CAS-No.: 144-55-8 EC No.: 205-633-8		1-10%
(R)-p-mentha-1,8-diene	CAS-No.: 5989-27-5 EC No.: 227-813-5	Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410, Skin Irrit.2 - H315, Skin. Sens 1 B- H317, Asp. Tox - H304, Flam. Liq 3- H226	1-10%

Composition Comments

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General Information	General first aid, rest, warmth and fresh air.
Inhalation	Remove victim immediately from source of exposure. Keep the affected person warm and at rest. Get prompt medical attention.
Ingestion	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention immediately!.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Do not rub eye. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

Most important symptoms and effects, both acute and delayed

General Information	The severity of the symptoms described will vary dependant of the concentration and the length of exposure.
Inhalation	No specific symptoms noted, inhalation is not believed to be a likely route of exposure.
Ingestion	Harmful if swallowed.
Skin contact	Irritation or pain may occur at the site of contact. May cause allergic reactions.
Eye contact	Extreme irritation of eyes and mucous membranes, including burning and tearing. Causes serious eye damage.
Routes of Exposure	No Information available.

Most important symptoms and effects, both acute and delayed

Notes To The Physician	Treat Symptomatically.
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SECTION 5: Firefighting Measures

Auto Ignition Temperature (°C)	No Information available.
Flammability Limit - Lower (%)	No Information available.
Flammability Limit - Upper (%)	No Information available.
Flashpoint	No Information available.
Extinguishing Media	Under normal conditions of use this product is diluted with water, significantly reducing the

Hazardous combustion products	fire potential. d-limonene is a natural solvent which is combustible. Not Likely to Burn in Liquid State. Dry Chemical or Foam Extinguisher for Concentrate fire.
Unusual Fire & Explosion Hazards	Irritating / Hazardous Oxides of Carbon, Sulfur, Sodium and Nitrogen are possible if product is involved in fire.
Special Fire Fighting Procedures	No special requirements. Store product away from high heat sources. Not hazardous under normal storage and use conditions. Dust explosion hazard may be possible if dispersed in sufficient concentrations in the presence of an ignition source.
Protective equipment for fire-fighters	Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

SECTION 6: Accidental Release Measures

Personal Precautions	For personal protection, see section 8. In case of inadequate ventilation, use respiratory protection. Do not smoke, use open fire or other sources of ignition. In case of spills, beware of slippery floors and surfaces.
Environmental Precautions	Keep out of drains, municipal sewers, open bodies of water and water course.
Spill Clean Up Methods	Restrict non-essential personnel from the area. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer. Place into chemical waste container for disposal according to local, state or federal regulations. Neutralize residue with lime or soda ash and flush spill area. DO NOT TOUCH SPILLED MATERIAL! Wash thoroughly after dealing with a spillage.

SECTION 7: Handling and Storage

Handling	When mixing with water, apply small amount of water to wet material and slowly increase water flow as materials mix. Mix in open, ventilated area. Keep closed when not in use. An eyewash station and safety shower should be nearby and ready for use. Avoid contact with skin and eyes. Wash exposed skin immediately with copious quantities of water. Do not wear contact lenses. Avoid prolonged or repeated contact.
Usage Description	Use only according to directions.
Storage Precautions	Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Avoid contact with oxidising agents.
Specific End Use(s)	The identified uses are in section 1 of this Safety Data Sheet.

SECTION 8: Exposure Controls/Personal Protection

Protective Equipment



Ingredient Comments	No occupational exposure limits noted for the ingredients(s).
Process Conditions	Ensure that eye flushing systems and safety showers are located close to the working place.
Engineering Measures	Use adequate ventilation.
Respiratory Equipment	Not normally required if good ventilation is maintained. If handling concentrate power excessively, respiratory protection, such as an organic vapor cartridge with a P95, P99 or P100 filter could be needed if levels exceed levels specified.
Hand Protection	PVA, Nitrile or Viton protective gloves to prevent skin contact. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.
Eye Protection	Wear safety goggles in accordance with EN166. Eye protection equipment should be tested and approved according to regulations applicable, like NIOSH (US) or EN 166 (EU).

Hygiene Measures

Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Take off immediately all contaminated clothing. Avoid contact with skin, eyes and clothing.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Appearance	Solid.
Color	Cream.
Odor	No odour information available.
Odor Threshold - Lower	No Information available.
Odor Threshold - Upper	No Information available.
pH-Value, Conc. Solution	No Information available.
Melting point	No Information available.
Initial boiling point and boiling range	No Information available.
Flashpoint	No Information available.
Evaporation rate	No Information available.
Flammability State	No Information available.
Flammability Limit - Lower (%)	No Information available.
Flammability Limit - Upper (%)	No Information available.
Vapor pressure	No Information available.
Vapor Density (air=1)	No Information available.
Relative density	No Information available.
Bulk Density	No Information available.
Solubility	No information available.
Decomposition temperature	No Information available.
Partition coefficient; n-octanol/water	No Information available.
Auto Ignition Temperature (°C)	No Information available.
Viscosity	No Information available.
Explosive Properties	Under normal conditions of storage and use, hazardous reactions will not occur.
Oxidizing Properties	No Information available.
Molecular Weight	No Information available.
Volatile Organic Compound	No Information available.

SECTION 10: Stability and Reactivity

Reactivity	Reactions may occur with sulfur, strong acids, oxidizers, halogens, vinyl chloride and, iodine pentafluoride.
Stability	Stable under normal temperature conditions and recommended use.
Hazardous Polymerisation	Unknown.

Hazardous Decomposition Products	Irritating / Hazardous Oxides of Carbon, Sulfur, Sodium and Nitrogen are possible if product is involved in fire.
Conditions to Avoid	Heat, moisture and incompatibilities.
Materials to Avoid	Avoid sulfur, strong acids, oxidizers, halogens, vinyl chloride and iodine pentafluoride.

SECTION 11: Toxicological Information

Toxicological Information	This material is not intended for human or animal consumption. Product is not listed by IARC, NTP, ACGIH or OSHA as a suspected or known human carcinogen.
Acute Toxicity (Oral LD50)	No Information available.
Acute Toxicity (Dermal LD50)	No Information available.
Acute Toxicity (Inhalation LC50)	No Information available.
Skin Corrosion/Irritation	No Information available.
Respiratory Sensitisation	No Information available.
Skin Sensitisation	No Information available.
Reproductive Toxicity:	No Information available.
Germ Cell Mutagenicity:	No Information available.
Genotoxicity - In Vitro	No Information available.
Genotoxicity - In Vivo	No Information available.
Carcinogenicity:	
Carcinogenicity	No Information available.
NTP - Carcinogenicity	The product and its components are not listed.
OSHA - Carcinogenicity	The product and its components are not listed.
IARC Carcinogenicity	The product and its components are not listed.
Specific Target Organ Toxicity - Single Exposure:	
STOT - Single Exposure	No Information available.
Specific Target Organ Toxicity - Repeated Exposure:	
STOT - Repeated Exposure	No Information available.

Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
sodium hydrogencarbonate	4220mg/kg Rat		

SECTION 12: Ecological Information

Ecotoxicity	No Ecological information on the finished product.
Acute Toxicity - Fish	No Information available.
Acute Toxicity - Aquatic Invertebrates	No Information available.
Acute Toxicity - Aquatic Plants	No Information available.
Degradability	There are no data on the degradability of this product.
Bioaccumulative Potential	No data available on bioaccumulation.
Mobility	Completely soluble in water.
Results of PBT and vPvB Assessment	No information available.
Other Adverse Effects	No information available.

Name	Acute Toxicity (Fish)	Acute Toxicity (Aquatic)	Acute Toxicity (Aquatic Plants)
(R)-p-mentha-1,8-diene	LC50 96 Hours 35.00mg/l Freshwater Fish		

SECTION 13: Disposal Considerations

Waste Management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Disposal Methods	Do NOT dump into any sewers, on the ground or into any body of water. Rinse containers before disposal. Since emptied containers contain product residue, follow label warnings even after container is emptied. Dispose in accordance with all applicable federal, state and local laws and regulations.

SECTION 14: Transport Information**UN Number**

UN No. (DOT/TDG)	Not applicable.
UN No. (IMDG)	Not applicable.
UN No. (IATA)	Not applicable.

Proper Shipping Name

DOT/TDG Proper Shipping Name	Not applicable.
IMDG Proper Shipping Name	Not applicable.
IATA Proper Shipping Name	Not applicable.

Transport Hazard Class(es)

DOT/TDG Class	Not applicable.
IMDG Class	Not applicable.
IATA Class	Not applicable.

Transport Labels

Packing Group(s)

DOT Packing Group	Not applicable.
IMDG Packing Group	Not applicable.
IATA Packing Group	Not applicable.

Special Precautions for User

EMS	Not applicable.
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Environmentally Hazardous Substance/Marine Pollutant

ADR	No
IMDG	No
IATA	No

SECTION 15: Regulatory Information**US Federal Regulations****SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

The Following ingredients are listed None Listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

The Following ingredients are listed None Listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

The Following ingredients are listed None Listed.

SARA 313 Emission Reporting

The Following ingredients are listed None Listed.

CAA Accidental Release Prevention

The Following ingredients are listed None Listed.

OSHA Highly Hazardous Chemicals

The Following ingredients are listed None Listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

The Following ingredients are listed None Listed.

California Air Toxics "Hot Spots" (A-I)

The Following ingredients are listed None Listed.

California Air Toxics "Hot Spots" (A-Ii)

The Following ingredients are listed None Listed.

Massachusetts "Right To Know" List

The Following ingredients are listed None Listed.

Rhode Island "Right To Know" List

The Following ingredients are listed None Listed.

Minnesota "Right To Know" List

The Following ingredients are listed None Listed.

New Jersey "Right To Know" List

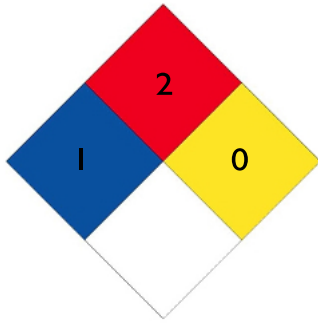
The Following ingredients are listed None Listed.

Pennsylvania "Right To Know" List

The Following ingredients are listed sodium sulphate

SECTION 16: Other Information

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

Health	1
Flammability	2
Physical Hazard	0
Personal Protection	B

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Revision 1

Disclaimer

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