BRAMBLE BERRY
HANDCRAFT PROVISIONS

Safety Data Sheet

Foaming Noodles – SCI (V001495)

June 10, 2022

Section 1: Chemical Product and Company Identification

Product name: Foaming Noodles - SCI

Contact Info:
Bramble Berry Inc.
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Bellingham, WA 98225
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www.brambleberry.com
1-877-627-7883

Emergency Phone Number:

Within USA & Canada: 1.800.424.9300 CCN693143
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

2.1 CLASSIFICATION OF THE SUBSTANCE:

Hazard Class	Category
Eye Irritation	2A, H319
Acute aquatic toxicity	2, H401
Chronic aquatic toxicity	3, H412

2.2 LABEL ELEMENTS

2.3 Signal Word:
Warning

2.4 Hazard Statements
H319 Causes serious eye irritation
H401 Toxic to aquatic life
H412 Harmful to aquatic life with long lasting effects

2.5 Precautionary Statements
P264: Wash hands thoroughly after handling.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P501: Dispose off contents/container in accordance with local/regional/national/international regulations.

2.6 Other hazards which do not result in Classification
Not known

Section 3: Composition/Information on Ingredients

INCI/Chemical Name	Synonyms	CAS Number	EC Number	% Concentration
Sodium Cocoyl Isethionate	Sodium 2-(cocoyloxy)ethanesulfonate; Fatty acids, coco, 2-sulfoethyl esters, sodium salts	61789-32-0	263-052-5	≥ 85
BHT	2,6-di-tert-butyl-p-cresol; 2,6-di-tert-butyl-4-methylphenol	128-37-0	204-881-4	< 0.1

Section 4: First Aid Measures

4.1 Description of first aid measures
Eye Contact:
RinFlush with water for at least 15 minutes under running water with eyelids held open. Consult the doctor, if necessary.
Skin Contact:
Wash with soap and water for at least 15 minutes. Seek medical advice, if necessary.
Ingestion:
Immediately rinse mouth and then drink water (two glasses at most). If feeling unwell, after accidental swallowing, consult the doctor.
Inhalation:
Remove to fresh air. Seek medical attention, if necessary.

4.2 Most important symptoms and effects, both acute and delayed
Skin Contact: Slightly irritant
Eye Contact: Causes serious eye irritation

4.3 Indications of immediate medical attention and special treatment needed
Treat symptomatically

Section 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Dry chemical powder, carbon dioxide, water spray, foam
Unsuitable extinguishing media: Do not use high volume water jet, which may spread fire

5.2 Special hazards arising from the chemical:
Development of hazardous combustion products like oxides of carbon and sulfur possible in the event of fire.

5.3 Special protective equipment and precautions for fire-fighters
Wear personal protective equipment and self-contained breathing apparatus

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Wash hands after exposure with the product. Avoid breathing dust. Avoid contact with skin, eyes, and clothing.

6.2 Environmental precautions
Do not discharge into drains, surface water, or ground water.

6.3 Methods and material for containment and cleaning up
Collect in suitable and properly labeled container. Avoid dust formation. Dispose of collected material in accordance with regulations.

Section 7: Handling and Storage

7.1 Precautions for safe handling
Follow general occupational hygiene such as, wash hands after use. Do not use hooks for handling bags. Multiple handling may lead to the formation of fine powder which may cause dusting during usage. Use personal protective equipment while charging the material. To avoid dusting, keep minimum distance between bag and the hopper. Use proper dust collection system to avoid particle contamination in the production area. Follow safe procedures for loading and un-loading of product.

7.2 Conditions for safe storage, including any incompatibilities
Store the material in a clean, dry place at below 445°C away from direct heat and sunlight. Keep the bags tightly closed. Soft, easily breakable agglomerates may be formed on storage. Once the bag is opened, consume the product within a week. In original sealed condition, when stored as suggested the shelf life of the product is 2 years. Product will not deteriorate, if stored at ≤ 45°C. However, it may hydrolyze at temperature 100°C and in highly alkaline/acidic condition.
Stacking of paper bags:

Palletized: 1+1 during transport and single pallet during storage, on ground or in rack
Non-palletized: 1+7 while transport (only in case of domestic/local dispatches) and no stacking during storage
Stacking of Jumbo bag (with crate): 1+1, both while transport as well as during storage

7.3 Suitable packing materials:
Paper bags with HDPE liner/Jumbo bags

7.4 Unsuitable packing materials:
Not known

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

8.2 Occupational exposure controls

Country	Limit Value – Eight Hours		Limit Value – Short Term	
	ppm	mg/m³	ppm	mg/m³
Australia	-	10	-	-
Austria	-	10	-	-
Belgium	-	2 (inhale fraction and vapor)	-	-
Canada – Ontario	-	2 (inhale aerosol and vapor)	-	-
Canada – Quebec	-	-	-	10 (15 minutes average value)
Denmark	-	10	-	20
Finland	-	10	-	20 (15 minutes average value)
France	-	10	-	-
Germany (AGS)	-	10 (inhale aerosol and vapor)	-	40 (inhale aerosol and vapor)(15 minutes reference period)
Germany (DFG)	-	10 (inhale fraction and vapor)	-	40 (inhale fraction and vapor)(15 minutes average value)
Ireland	-	2	-	-
New Zealand	-	10	-	-
Singapore	-	10	-	-
South Korea	-	2	-	-
Spain	-	10	-	-
Switzerland	-	10 inhalable aerosol	-	-
USA – NIOSH	-	10	-	-
United Kingdom	-	10	-	-

Biological limit values:
No data available
Appropriate engineering controls:
Proper plant design, technical measures and working operations should minimize human exposure
Individual Protection measures, such as Personal Protective Equipment (PPE):
Eye/face protection: Safety goggles
Skin protection: Apron, rubber gloves and shoes

Respiratory protection : Dust mask required when dust is
Generated

Section 9: Physical and Chemical Properties

Physical State: Needles
Color: Off-white to pale yellow
Odor: Fatty
Odor Threshold: No data available
pH (5% in distilled water): 5.0 – 7.0 at 25°C
Melting Point: ≥ 200°C
Initial Boiling Point and Boiling Range: > 300°C (product will decompose)
Flash Point: Not applicable
Evaporation Rate: No data available
Flammability (solid, gas): Not flammable
Upper/Lower flammability or explosive limits: Not applicable
Vapor Pressure: No data available
Vapor Density: No data available
Bulk Density: 580 – 640 g/l
Solubility(ies): Moderately soluble in water (100 – 1000 mg/l
(5% solution is milky at room temperature)
Partition Coefficient: n-octanol/water: No data available
Auto-ignition temperature: Did not show self-heating up to 400°C, indicates that substance does not have self-ignition temperature
Decomposition temperature: > 300°C
Viscosity: Not applicable

Section 10: Stability and Reactivity

10.1 Reactivity
No hazardous reactions, if stored and handled as prescribed (Refer Section 7)

10.2 Chemical stability
Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure

10.3 Possibility of hazardous reactions
Not anticipated when used or handled as prescribed

10.4 Conditions to avoid
Sunlight, heat, flame and other sources of ignition.

10.5 Incompatible materials
Do not subject to acids, alkali and oxidizing agents

10.6 Hazardous decomposition products:
Will not form, if stored or handled as prescribed

Section 11: Toxicological Information

Toxicological information of Sodium Cocoyl Isethionate

Acute oral toxicity (Rat) :	LD50: > 2000 mg/kg bw (OECD Guideline 401)
Acute dermal toxicity :	No data available
Acute inhalation toxicity :	No data available
Skin corrosion/irritation (Rabbit) :	Not classified. Slightly irritant (Equivalent or similar to OECD Guideline 404)
Serious eye damage/irritation (Rabbit) :	Irritating (OECD Guideline 405)
Respiratory or skin sensitization (Guinea pig) :	Not sensitizing (EU Method B.6 / OECD Guideline 406)

Germ cell mutagenicity

Mammalian cell gene mutation assay (In vitro) :	Negative (OECD Guideline 476)
Bacterial reverse mutation assay (In vitro) :	Negative (Equivalent or similar to OECD Guideline 471)
In vitro mammalian chromosome aberration test :	Negative (Equivalent or similar to OECD Guideline 473)
Carcinogenicity :	No data available. Carcinogenicity not expected
Reproductive toxicity :	Not classified
	Toxicity to reproduction (Rat): NOAEL: 1000 mg/kg bw/day (OECD Guideline 421) Read-across approach
	Developmental toxicity/maternal toxicity (Rat): NOEL: 1000 mg/kg bw/day (OECD Guideline 414) Read-across approach
STOT-single exposure :	Not classified
STOT-repeated exposure :	Not classified
	Repeated dose toxicity: oral (Rat): NOAEL: ≥ 1000 mg/kg bw/day (Equivalent or similar to OECD Guideline 407)
	Repeated dose toxicity: dermal (Rat): NOAEL: ≥ 2070 mg/kg bw/day (OECD Guideline 410)
Aspiration hazard :	Not classified

Toxicological information of BHT

Acute oral toxicity (Rat) :	LD50: > 6000 mg/kg bw (male/female) (OECD Guideline 401)
Acute dermal toxicity (Rat) :	LD50: > 2000 mg/kg bw (male/female) (OECD Guideline 402)
Acute inhalation toxicity (Mouse) :	RD50 (30 min): about 546 mg/m3 (Other: Sensory irritation study of BHT)
Skin corrosion/irritation (Rabbit) :	Not irritating (OECD Guideline 404)

Serious eye damage/irritation (Rabbit) :	Not irritating (OECD Guideline 405)
Respiratory or skin sensitization :	No sensitization

Germ cell mutagenicity

Bacterial reverse mutation assay (in vitro) :	Negative
In-vitro mammalian chromosome aberration test :	Negative
Chromosome aberration assay (in vivo) :	Negative
Carcinogenicity :	Not classified
Reproductive toxicity :	Not classified Maternal toxicity (Rat): NOAEL: 93.5 mg/kg bw/day Developmental toxicity (Rat): NOAEL: 375 mg/kg bw/day (Equivalent or similar to OECD Guideline 414)
STOT-single exposure :	Not classified
STOT-repeated exposure :	Not classified
Aspiration hazard :	Not classified
Information on the likely routes of exposure :	Dermal, inhalation and oral
Symptoms related to the physical, chemical and toxicological characteristics:	Skin Contact: Slightly irritant Eye Contact: Cause eye irritation
Delayed & Immediate effects and also chronic effects from short and long term exposure:	Short term exposure: Not known Long term exposure: Not known

Section 12: Ecological Information

Ecological information of Sodium Cocoyl Isethionate

Short-term toxicity to fish :	Oncorhynchus mykiss LC50 (96 h): > 25 mg/l (Equivalent or similar to OECD Guideline 203)
Long-term toxicity to fish :	No data available
Short-term toxicity to aquatic invertebrates :	Daphnia magna EC50 (48 h): > 32 mg/l NOEC (48 h): ≥ 32 mg/l (OECD Guideline 202)
Long-term toxicity to aquatic invertebrates :	No data available
Toxicity to aquatic algae :	Pseudokirchneriella subcapitata EC50 (72 h): ≥ 1.87 mg/l NOEC (72 h): ≥ 0.31 mg/l (OECD Guideline 201) Read-across approach
Persistence and degradability :	Readily biodegradable; 78% after 28 days (O2 Consumption) OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
Bioaccumulative potential :	BCF: 58 (calculated using the BCFBAF 3.0 submodule of Epiwin 4.1.) Log Pow: - 0.41, a low potential for bioaccumulation is expected

Mobility in soil : Adsorption co-efficient:	Koc: 1451 l/kg (OECD Guideline 106 / Equivalent or similar to EPA OPPTS 835.1110 (Activated Sludge Sorption Isotherm)) Read-across approach
Other adverse effects :	No data available

Ecological information of BHT

Short-term toxicity to fish :	LC50 (96 h): 0.199 mg/l (QSAR method)
Long-term toxicity to fish :	Oryzias latipes NOEC (30 d): 0.053 mg/l (OECD Guideline 210)
Short-term toxicity to aquatic invertebrates :	Daphnia magna EC50 (48 h): 0.48 mg/l (OECD Guideline 202 / EU Method C.2)
Long-term toxicity to aquatic invertebrates :	Daphnia magna NOEC (21 d): 0.069 mg/l (OECD Guideline 211)
Toxicity to aquatic algae :	EC50 (96 h): 0.758 mg/l (QSAR method) Pseudokirchneriella subcapitata EC50 (72 h): > 0.24 mg/l (based on growth rate) NOEC (72 h): 0.24 mg/l (based on growth rate) (OECD Guideline 201)
Persistence and degradability :	Not readily biodegradable; 4.5% BOD/ThOD after 28 days (Equivalent or similar to OECD Guideline 301 C)
Bioaccumulative potential :	BCF: 598.4 (EPI-Suite, BCFWIN v2.17)
Mobility in soil :	Adsorption coefficient: Koc: 23030 (EPI-Suite, EPA (USA) / PCKOCWIN v1.66) Adsorption coefficient: Koc: 14750 (QSAR estimation: KOCWIN v2.00: Koc estimate from MCI) BHT is expected to adsorb to the solid soil phase
Other adverse effects :	No data available

Section 13: Disposal Conditions

Dispose off contents/container in accordance with local/regional/ national/international regulations

Section 14: Transport Information

14.1 Transportation Information

Land Transport

ADR/RID	Not classified as dangerous goods as per transport regulation
UN Number	Not applicable
UN Proper Shipping Name	Not applicable
Transport Hazard Class(es)	Not applicable
Packing Group	Not applicable
Environmental Hazards	Not applicable

Inland Water Ways Transport

AND	Not classified as dangerous goods as per transport regulation
UN Number	Not applicable
UN Proper Shipping Name	Not applicable
Transport Hazard Class(es)	Not applicable
Packing Group	Not applicable
Environmental Hazards	Not applicable

Sea Transport

IMDG Code	Not classified as dangerous goods as per transport regulation
UN Number	Not applicable
UN Proper Shipping Name	Not applicable
Transport Hazard Class(es)	Not applicable
Packing Group	Not applicable
Marine Pollutant	Not applicable

Air Transport

ICAO-TI/IATA-DGR	Not classified as dangerous goods as per transport regulation
UN Number	Not applicable
UN Proper Shipping Name	Not applicable
Transport Hazard Class(es)	Not applicable
Packing Group	Not applicable
Environmental Hazards	Not applicable

Section 15: Regulatory Information

Safety, health and environmental regulations specific for the product in question:
Refer to all applicable national, international, and local regulations or provisions.

Section 16: Other Information

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