

Gracefruit Ltd

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MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: Gracefruit Limited
146 Glasgow Road
Longcroft
Bonnybridge

Emergency Telephone No.: 01324 841353

Product/Trade Name: **Sodium Cocoyl Isethionate**

SECTION 2- COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS number	%
Sodium Cocoyl Isethionate (Fatty Acids, Coco, 2-Sulfoethyl esters, Sodium Salts)	61789-32-0	60 – 100

SECTION 3- HAZARD IDENTIFICATION

Physical state: Prill
Odor: Slight
OSHA/HCS status: While this material is not considered hazardous by the OSHA Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.
Hazard Communication: No specific hazard.

Emergency overview:
Potential acute health effects

Eyes: Slightly irritating to the eyes.
Skin: Slightly irritating to the skin.
Inhalation: No known significant effects or critical hazards.
Ingestion: practically non-toxic if swallowed.
Medical conditions: Repeated skin exposure can produce local skin destruction or dermatitis. Repeated exposure of the eyes to a low level of dust can produce eye irritation.
Aggravated by over exposure

SECTION 4- FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Skin Contact: wash skin thoroughly with soap and water or use recognized skin cleanser. Get medical attention if irritation occurs. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation: move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth to mouth resuscitation. Get medical attention if symptoms occur. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion: wash out mouth with water. Remove dentures if any. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Protection of first aiders: no action shall be taken involving any personal risk or without suitable training.

SECTION 5- FIRE FIGHTING MEASURES

Flammability of the product: May be combustible at high temperature.
Products of combustion: These products are carbon oxides (CO, CO₂), sulfur oxides (SO₂, SO₃ etc.).
Some metallic oxides.

EXTINGUISHING MEDIA

Suitable: Use an extinguishing agent suitable for the surrounding fire.
Special exposure hazards: No specific hazard.
Special Protective: Fire-fighters should wear appropriate protective equipment and self-contained
Equipment for fire-fighters breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6- ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use chemical splash goggles or face shield and protective gloves in accordance with local regulations.
Environmental Precautions: It is the general policy of Jeen International to discourage direct disposal of this product, or other products like it, into public waterways in the undiluted state. Dispose of in accordance with all local and federal regulations.
Methods of Clean-Up: Ventilate area. Persons performing clean-up should wear adequate protective equipment. Contain spill and soak up excess with compatible absorbent material. Transfer to suitable containers for disposal or reclamation. Flush area with water to chemical disposal drain.

SECTION 7- HANDLING AND STORAGE

Handling: Wash thoroughly after handling
Storage / Packaging: Keep container tightly closed. Keep container in a cool, well-ventilated area.

SECTION 8- EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures: No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
Personal Protection Equipment
Respiratory System: use a properly fitted, particulate filter respirator complying with an approved standard if risk assessment indicates this is necessary, respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: disposable particulate mask.
Skin and Body: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
>8 hour/hours (breakthrough time): natural rubber (latex)
Eyes: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.
Recommended: splash goggles, safety glasses with side-shields.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Noodle shaped solid
Color: Off-white
Odor: Mild
Boiling Point: Decomposition temperature:
204.422 deg C (400 deg F) Solubility in Water: Soluble in hot water.
Partially soluble in cold water.
Flash Point: >200 deg. F closed cup: >93.322 deg C (Tagliabue)
Specific gravity: <1 (Water = 1)
Volatility: < 2% (v/v)
Dispersibility properties: See solubility in water
Lower Explosion Limit: NA
Upper Explosion Limit: NA

SECTION 10- STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	None Known
Materials to Avoid:	None Known
Hazardous Decomposition Products:	None Known
Incompatibility with various substances:	reactive or incompatible with the following materials: oxidizing materials.

SECTION 11- TOXICOLOGICAL INFORMATION

Toxicity Data:

<u>Product/ingredient name:</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Specials</u>
Fatty acids, coco, 2-sulfoethyl Esters, sodium salts	LD50	4330 mg/kg	Oral	Rat
Sodium Cocoyl Isethionate	LD50	4330 mg/kg	Oral	Rat
Proprietary	LD50	18500 mg/kg	Oral	Rat (similar material)
Other toxic effects on humans:	Not considered to be toxic to humans.			

Specific effects:

Carcinogenic effects:	No known significant effects or critical hazards.
Mutagenic effects:	No known significant effects or critical hazards.
Teratogenicity /: reproductive toxicity	No known significant effects or critical hazards.

Sensitization:

Ingestion:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Eyes:	Slightly Irritating to the eyes.
Skin:	Slightly irritating to the skin.

SECTION 12- ECOLOGICAL INFORMATION

Environmental precautions:	No known significant effects or critical hazards.
Products of degradation:	These products are carbon oxides (CO, CO2) and water, sulfur oxides (SO2, SO3 etc.). Some metallic oxides
Toxicity of the products of: Biodegradation	The product itself and its products of degradation are not toxic.

SECTION 13- DISPOSAL CONSIDERATIONS

Waste disposal: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

The information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

SECTION 14- TRANSPORT INFORMATION

UN Number:	NA
Land-road/Railway	
ADR/RID Class:	NA
Inland Waterways	
ADNR Class:	NA
Sea	
IMDG Class:	NA
IMDG Page Number:	NA
Air	
IATA-DGR Class:	NA
National Transport Regulations:	NA
Reportable quantity:	CERCLA: Hazardous substances. No products were found.
Flush point:	Closed cup: >93.322 deg C (200 deg F). (Tagliabue.)

SECTION 15- REGULATORY INFORMATION

United States

HCS Classification: Not regulated.
U.S. Federal regulations: TSCA 8(b) inventory: fatty acids, coco, 2-sulfoethyl esters, sodium salts
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found.
SARA 311/312 MSDS distribution – chemical inventory – hazard identification: No products were found.
Clean Water Act (CWA) 307: No products were found.
Clean Water Act (CWA) 311: No products were found.
Clean Air Act (CAA) 112 accidental release prevention: No products were found.
Clean Air Act (CAA) 112 regulated flammable substances: No products were found.
Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

Canada

WHMIS (CANADA) Not controlled under WHMIS (Canada)
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR

EU Regulations

Risk phrases This product is not classified according to EU legislation.

SECTION 16- OTHER INFORMATION

Hazardous material Information System (U.S.A)	Health	1
	Fire Hazard	1
	Reactivity	0
	Personal Protection	C
National Fire protection Association (U.S.A)	Health	1
	Flammability	1
	Instability	0

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