

**MATERIAL SAFETY DATA SHEET - MSDS**

***Efficacious Ingredients \* Hygienically Stored & Processed \* Convenient Deliveries***

**Product Name: Foaming Apple**

**INCI: Sodium Cocoyl Apple Amino Acids**

**EINECS number: 918-984-3**

**Recommended Use: Raw Material For Topical Cosmetic Products**

**Supplier:**

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In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center

USA, Canada, Puerto Rico, Virgin Islands CALL +1 800-424-9300

In case of difficulties or for ships at sea CALL +1 703-527-3887

In Europe, Middle East, Africa, Asia Pacific, South America CALL +1 703-527-3887

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**SECTION 1: GENERAL INFORMATION AND CHEMICAL PRODUCT IDENTIFICATION**

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Substance/mixture                      Mixture

INCI:    SODIUM COCOYL APPLE AMINO ACIDS

EC number                                      918-984-3

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as Occupational exposure limits, if available, are listed in Section

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## SECTION 2: HARZARD INDENTIFICATION

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OSHA/HCS status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	EYE IRRITATION - Category 2A TOXIC TO REPRODUCTION - Category 2
GHS label elements	Warning
Signal word :	Causes serious eye irritation.
Hazard statements	Suspected of damaging fertility or the unborn child.
Precautionary statements	Obtain special instructions before use. Wear protective gloves, protective clothing and eye or face protection.
Prevention	
Response	If exposed or concerned: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Storage	Not applicable. Dispose of contents and container in accordance with all local, regional, national and international
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified	None known.
ADDITIONAL INFORMATION	PROTECT FROM FROST. STORE UNDER COVER. Keep away from heat. Recommended storage temperature: 15C - 25C.
Storage	

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## SECTION 3: FIRST AID MEASURES

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Most important symptoms/effects, acute and delayed Potential acute health effects

Eye contact	immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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 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.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	Wash out mouth with water. Remove dentures if any. 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. 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.
Eye contact	Causes serious eye irritation.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	Irritating to mouth, throat and stomach.
<b>Over-exposure signs/symptoms</b>	
Eye contact	Adverse symptoms may include the following pain or irritation, watering, redness
Inhalation	Adverse symptoms may include the following: reduced fetal weight

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## SECTION 4: EXPLOSION AND FIRE-FIGHTING MEASURES

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### Extinguishing media

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	None known. In a fire or when heated, pressure will increase, and container may burst.
Specific hazards arising from the chemical	
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide, carbon monoxide, halogenated compounds, metal oxide/oxides,
Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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## SECTION 5: ACCIDENTAL RELEASE/SPILL PROCEDURES

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No action shall be taken involving any personal risk or without suitable training.

For non-emergency personnel	Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	If specialized clothing is required to deal with the spillage, see information in Section on suitable and unsuitable materials. See also the information in sections for non-emergency personnel.
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the

product has caused environmental pollution (sewers, waterways, soil or air).

Small spill	<p>Methods and materials for containment and cleaning up</p> <p>Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble.</p> <p>Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.</p>
Large spill	<p>Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.</p> <p>Contaminated absorbent material may pose the same hazard as the spilled product. See Waste Disposal Section.</p>

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## SECTION 6: HANDLING AND STORAGE

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Protective measures	<p>Put on appropriate personal protective equipment (see Section 7).</p> <p>Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.</p>
Advice on general occupational hygiene	<p>Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands</p>

and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials, food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section for materials before handling or use.  
PROTECT FROM FROST. STORE COVERED.

Keep away from heat. Recommended storage temperature:  
15C - 25C.

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## SECTION 7: PERSONAL PROTECTION

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OSHA PEL 1989  
(United States, 3/1989).

CEIL: 25 ppm  
CEIL: 125 mg/m<sup>3</sup>

ACGIH TLV (United  
States, 1/2022).

TEL: 10 mg/m<sup>3</sup> 15 minutes. Form:  
Inhalable fraction. Aerosol only.  
STEL: 50 ppm 15 minutes. Form:  
Vapor fraction

TWA: 25 ppm 8 hours. Form:  
Vapor fraction

NIOSH REL (United  
States, 10/2020).

CEIL: 25 ppm  
CEIL: 125 mg/m<sup>3</sup>

CAL OSHA PEL  
(United States, 5/2018).

CEIL: 125 mg/m<sup>3</sup>  
CEIL: 25 ppm

Biological exposure  
indices

No exposure indices known.  
If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust

Appropriate engineering  
controls

Ventilation or other engineering controls to keep worker exposure to

airborne contaminants below any recommended or statutory limits.

Environmental exposure controls	ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Individual protection measures Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	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. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be always worn when handling chemical products if a risk assessment indicates this is necessary. Recommended: nitrile rubber, PVC.
Body protection	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.
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

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## SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

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The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated. The information presented in this section does not serve as specifications.

Physical state	Liquid.
Color	Colorless to light yellow. [Transparent]
Odor	Characteristic. [Slight]
pH	6.5 to 7.5
Melting point/freezing point	Not available.
Boiling point, initial boiling	
Flash point	100C (212F)
Vapor pressure	Closed cup: 97C (206,6F) [Pensky-Martens]
Density	1,11 g/cm <sup>3</sup> [20C (68F)]
Solubility in water	395 g/l
Miscible with water	Yes.
Partition coefficient: noctanol/water	-0,69
Auto-ignition temperature	Not available.
Viscosity	Dynamic: 9 to 10 mPas (9 to 10 cP)

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## SECTION 9: STABILITY AND REACTIVITY

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Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	The product is stable.
Conditions of instability	When exposed to high temperatures may produce hazardous decomposition products.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur
Conditions to avoid	No specific data.
Incompatible materials	No specific data.



Hazardous decomposition products      No specific data.

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## SECTION 10: TOXICOLOGICAL INFORMATION

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Acute toxicity	Not classified as dangerous. (By analogy.)
Irritation/Corrosion	
Skin	Not classified. (By analogy.)
Eyes	Causes serious eye irritation. (By analogy.)
Sensitization	
Skin	Not categorized. (By analogy.)
Mutagenicity	Not mutagenic in a standard battery of genetic toxicological tests. (By analogy.)
Carcinogenicity	Not available.
Reproductive toxicity	Suspected of damaging the unborn child. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. (Assessment was by using a weight of evidence approach.)
Teratogenicity	Not available.
Specific target organ toxicity (single exposure)	Not available.
Specific target organ toxicity (repeated exposure)	Not available.
Aspiration hazard	Not available.
Short term exposure	Not available.
Long term exposure	Not available.
Potential chronic health effects	Not available.
Conclusion/Summary	Not available.
General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	Suspected of damaging the unborn child.

Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

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## SECTION 11: ECOLOGICAL INFORMATION

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Toxicity	Not classified as dangerous (By analogy.)
Persistence and degradability	This product is readily biodegradable. (By analogy.)
Bioaccumulative potential	low
Other adverse effects	No known significant effects or critical hazards.

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## SECTION 12: DISPOSAL CONSIDERATIONS

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Disposal methods      The generation of waste should be avoided or minimized wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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## SECTION 13: TRANSPORT INFORMATION

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DOT	Not regulated.
TDG	Not regulated.
Mexico	Not regulated.
IMDG	Not regulated.
IATA	Not regulated. Transport within users premises: always transport in closed containers that are upright and secure.
Special precautions for user	Ensure that persons transporting the product know what to do in the event of an accident or spillage.

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## SECTION 14: REGULATORY INFORMATION

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Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	Not listed
Clean Air Act Section 602 Class I Substances	Not listed
Clean Air Act Section 602 Class II Substances	Not listed
DEA List I Chemicals (Precursor Chemicals)	Not listed
DEA List II Chemicals (Essential Chemicals)	Not listed
Composition/information on ingredients SARA 311/312	No products were found.
Classification	EYE IRRITATION - Category 2A TOXIC TO REPRODUCTION - Category 2
California Prop. 65	This product does not require a Safe Harbor warning under California Prop. 65.

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**SECTION 15: OTHER INFORMATION**

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Hazardous Material Information System (U.S.A.)	
Health	2
Flammability	1
Physical hazards	0

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