

Safety Data Sheet

24 Hour Emergency:
INFOTRAC: 1-800-535-5053
Outside U.S. and Canada
INFOTRAC: +1-352-323-3500

NOTE: INFOTRAC emergency number to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals

Section 1. Identification

Product Name: NATURAL BUTTER-TYPE FLAVOR #1411311 - SPRAY DRY
Product Code: 1411311 **Revision Date:** 6/23/2020
Product Use/Class: Food / Flavor **Supercedes Date:** New SDS

Supplier: The Edlong Corporation
 225 Scott St.
 Elk Grove Village, IL 60007
 E-Mail: info@edlong.com

Preparer: Regulatory Department

2. Hazards Identification

EMERGENCY OVERVIEW: Under normal use conditions, this product is not expected to cause adverse health effects.

GHS Classification
Symbol(s) of Product

No GHS Symbols Exist

Signal Word

No Signal Word has been assigned

Possible Hazards

1% of the mixture consists of ingredient(s) of unknown acute toxicity

Section 3. Composition/Information on ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Butanoic Acid, Natural	107-92-6	0.1-1.0	H302-314	GHS05-GHS07

All ingredients are on the TSCA Inventory List, unless otherwise noted in Section 8. The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures



FIRST AID - EYE CONTACT: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

FIRST AID - SKIN CONTACT: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

FIRST AID - INHALATION: In case of shortness of breath, give oxygen. Move to fresh air in case of accidental inhalation of dust or

fumes from overheating or combustion.

FIRST AID - INGESTION: Do not induce vomiting without medical advice. The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

5. Fire-fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and complete personal protective equipment.

FIRE AND EXPLOSION HAZARDS: If improperly handled, stored, and/or exposed to an ignition source, this material may burn. Airborne dust in sufficient concentration when confined and exposed to a sufficient ignition source can explode.

EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Fog

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Use personal protective equipment as necessary. Dispose of material in accordance with all federal, state and local regulations. Keep people away from and upwind of spill/leak.

7. Handling and Storage



HANDLING: Avoid breathing vapor and contact with eyes, skin and clothing. Use in well-ventilated area. Handle in accordance with good industrial hygiene and safety practice. Not classified as dangerous in the meaning of transport regulations.

STORAGE: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in a dry, cool and well-ventilated place. Store at room temperature in the original container.

ADDITIONAL HANDLING STATEMENTS: Use with adequate ventilation. Minimize dust generation and accumulation.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA PEL-STEEL
3-hydroxybutan-2-one, Natural	Not Established	Not Established	Not Established	Not Established
Butanoic Acid, Natural	Not established	Not established	Not established	Not established

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: In confined or poorly ventilated areas, the use of NIOSH-approved respirator must be required.



SKIN PROTECTION: Rubber or plastic gloves.



EYE PROTECTION: Safety glasses with side shield and adequate to protect against spills or splashes.



OTHER PROTECTIVE EQUIPMENT: Wear face-shield and protective suit for abnormal processing problems. Wear suitable gloves and eye/face protection.



HYGIENIC PRACTICES: Follow Good Manufacturing Practices. Limit exposure to product whenever possible. Wash any contaminated clothing or shoes before each use.

9. Physical and Chemical Properties

Flash Point, °F	NF (>220 °F)	Vapor Density:	No Information
Boiling Range, °F	No Information	Odor Threshold:	No Information
Appearance:	No Information	Evaporation Rate:	No Information
Solubility in Water:	No Information	Specific Gravity:	Not Applicable.
Freeze Point, °F	No Information	pH:	No Information
Vapor Pressure, mmHg	No Information	Viscosity:	No Information
Physical State:	Spray dry		

(See section 16 for abbreviation legend)

Section 10. Stability and reactivity

CONDITIONS TO AVOID: Not applicable.

HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

STABILITY: Stable.

Section 11. Toxicological information



Practical Experiences

EFFECT OF OVEREXPOSURE - EYE CONTACT: Direct eye contact may cause irritation.

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Not expected to cause skin problems under normal use conditions. Direct skin contact may cause irritation.

EFFECT OF OVEREXPOSURE - INHALATION: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). Prolonged, repeated, or high exposures may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

EFFECT OF OVEREXPOSURE - INGESTION: Under normal use conditions, this product is not expected to cause adverse health effects.

EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS: Under normal use conditions, this product is not expected to cause adverse health effects. According to experience, not expected.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name according to EEC	Oral LD50	Dermal LD50	Vapor LC50
513-86-0	3-hydroxybutan-2-one, Natural	> 5,000 mg/kg (rat)	> 5,000 mg/kg, (rabbit)	Not Established
107-92-6	Butanoic Acid, Natural	2,000 mg/kg, (rat)	6,083 mg/kg, (rabbit)	> 500 mg/m ³ , (rat)

N.I. - No Information

Section 12. Ecological information

ECOLOGICAL INFORMATION: Ecological injuries are not known or expected under normal use.

13. Disposal Information



Product

DISPOSAL METHOD: Dispose of in accordance with local and state regulations. Normal trash removal. Dispose of in accordance with local and state regulations.

14. Transport Information

DOT Proper Shipping Name:	Not dangerous good	Packing Group:	Not Applicable
DOT Technical Name:	Not regulated	Hazard SubClass:	N.A.
DOT Hazard Class:	Not regulated	ICAO/IATA Class:	Not regulated
DOT UN/NA Number:	Not regulated		

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

No Proposition 65 Carcinogens exist in this product.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

International Regulations: As follows -**CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

WHMIS Class: Not regulated

16. Other Information

Revision Date: 6/23/2020
Reason for revision: No Information
Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	1	Flammability:	0	Reactivity:	0	Personal Protection:	E
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Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS05



GHS07



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

OTHER INFORMATION: If improperly handled, stored, and/or exposed to an ignition source, this material may explode. Follow procedures specified in the National Fire Protection Association Codes and Standards for handling combustible dusts. Maintain good housekeeping to avoid dust buildup.

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.