

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0

Section 1: IDENTIFICATION

Product Name: **Benzyl Butyrate, Natural**
 Product Number: **0214000**
 CAS No.: **103-37-7**

Recommended Use: Flavorings

Manufacturer: Aurochemicals
 7 Nicoll Street
 Washingtonville, NY 10992 – USA
 845-496-6065
 845-496-6248 Fax

Emergency Telephone No.: 1-800-535-5053
 (International 1-352-323-3500 collect)

Section 2: HAZARD(S) IDENTIFICATION

Emergency Overview

OSHA Hazards	No known OSHA hazards
GHS Classifications	Not a hazardous substance or mixture
GHS Label elements, including precautionary statements	
Pictogram	None
Signal Word	None
Hazard Statement(s)	None
Precautionary Statement	None
HIMS Rating	Health Hazard 0 Chronic Health Flammability 1 Reactivity 0

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical	CAS No. -	Percentage
<i>Benzyl Butyrate</i>	<i>103-37-7</i>	<i>100%</i>

Chemical Name: Benzyl Butyrate
 Synonyms: Benzyl Butyrate
 CAS #: 103-37-7
 EC#: 203-105-1
 Molecular Formula: C₁₁H₁₄O₂

No ingredients are hazardous according to OSHA criteria. No components need to be disclosed according to the application regulations

Section 4: FIRST AID MEASURES

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Note to physician: Treat symptomatically and supportively.
Contact with eyes:	Rinse thoroughly with plenty of water lifting lower eye lids and seek medical advice.
Contact with skin:	Rinse with first cool water; then wash with mild soap and warm water. Seek medical advice
Inhalation:	Provide fresh air
Ingestion:	Never give anything by mouth to an unconscious person. Administer water, rinse out mouth and drink 2-4 cupfuls of milk or water. Seek medical advice, show this container or label to attending physician
Clothing:	Remove contaminated clothing and wash before re-use

Section 5: FIREFIGHTING MEASURES

Suitable extinguishing media	Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.
Special protective equipment for firefighters	Wear self contained breathing apparatus for firefighting if necessary.
Hazardous combustion products	Formed under fire conditions – Carbon Oxides

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid breathing vapors, mist or gas.
Environmental precautions	Do not allow to enter drains, or sewage system
Methods and materials for containment/cleanup	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed container for disposal
Ventilation	After sweep up, wash area and ventilate area well

Section 7: HANDLING AND STORAGE

Conditions for safe handling	Avoid contact with eyes, skin and clothing. Wash hands thoroughly after handling the product. Avoid eating or drinking while handling this product – No smoking.
Conditions for safe storage	Keep away from heat, sparks and open flames. No smoking Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be kept upright to prevent leakage

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	Contains no substances with occupational exposure limit values
Engineering Controls:	Ventilation: Local exhaust preferred –Fume Hoods/Extractors. General ventilation required
Personal Protective Equipment:	These recommendations are advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. They should not be construed as offering an approval for any specific use scenario. Protective clothing should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier
Respiratory Protection:	Required when vapors / aerosols are generated

Eye Protection:	Wear eye and face protection – Face Shield
Hand Protection:	Wear chemically resistant gloves. Use proper removal technique to avoid skin contact with this product.
Industrial Hygiene:	Handle in accordance with good industrial hygiene and safety practice. Wash hands after working with product
Engineering Controls	Facilities storing or utilizing this material should be equipped with eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Colorless
Odor:	Characteristic fruity (apricot)
Melting Point / Freezing Point:	No data available
Boiling Point:	239°C
Flash Point:	107°C - closed cup
Ignition temperature:	No data available
Auto Ignition:	No data available
Lower Explosion Limit	No data available
Upper Explosion Limit	No data available
Vapor Pressure:	No data available
Specific Gravity @ 25°C:	1.006-1.017
Solubility:	Insoluble in water, Soluble in most organic solvents

Section 10: STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability:	Stable under recommended storage conditions
Possible hazardous reactions:	No data available
Conditions to avoid:	No data available
Materials to avoid:	Strong oxidizing agents
Hazardous decomposition products	Formed under fire conditions - Carbon oxides
Other decomposition products	No data available

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity	
LD50, Oral -Rat	2,330 mg/kg
	Remarks: Behavioral: Somnolence (general depressed activity) Behavioral: Tremor
LC50 Inhalation	No data available
LD50 Dermal - Rabbit	>5,000 mg/kg
Other information on acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	
	IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC
	ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
	NTP No component of this product present at levels greater than or equal to 0.1% is identified

	OSHA	as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.15 is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity		No data available
Teratogenicity		No data available
Specific target organ toxicity- Single Exposure (GHS)		No data available
Specific target organ toxicity-Repeated Exposure (GHS)		No data available
Aspiration hazard		No data available
Signs and symptoms of Exposure		To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated
Synergistic effect		No data available
RTECS		ES7350000

Section 12: ECOLOGICAL INFORMATION

Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB assessment	Assessment not available as chemical safety assessment not required/ not conducted
Other adverse effects	No data available
Further ecological data	Do not allow to enter water, drain or soil

Section 13: DISPOSAL CONSIDERATIONS

Product:	According to local regulations
Packaging:	According to local regulations

Section 14: TRANSPORT INFORMATION

UN-no. / Name	Not dangerous goods
IMDG-Classification	Not dangerous goods
IATA-Classification	Not dangerous goods
ADR-Classification	Not dangerous goods

Section 15: REGULATORY INFORMATION

OSHA Hazards	No known OSHA hazards
SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (de Minimis) reporting levels established by SARA Title III, Section 313.
SARA 311/312 Hazards	No SARA Hazards
Massachusetts Right to Know Components	No components are subject to the Massachusetts Right to Know Act
Pennsylvania Right to Know Components	Benzyl butyrate CAS# 103-37-7 Rev. Date:
New Jersey Right to Know Components	Benzyl butyrate CAS# 103-37-7 Rev. Date:
California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer,

birth defects, or any other reproductive harm

Section 16: OTHER INFORMATION

Aurochemicals provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Aurochemicals makes no representations or warranties, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Aurochemicals will not be responsible, nor held liable, for damages resulting from use of or reliance upon this information.

Issued by:	Contact Person:
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