

HEALTH	0
FLAMMABILITY	2
REACTIVITY	0

Section 1: IDENTIFICATION

Product Name: **Butyl Caproate (Hexanoate), Natural**
 Product Number: 0220100
 CAS No.: 626-82-4

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

OSHA Hazards Combustible liquid
 GHS Classification Flammable liquids (Category 4)

GHS Label elements, including precautionary statements
 Pictogram None
 Signal Word: Warning
 Hazard Statement(s): H227 Combustible liquid

Precautionary Statement(s):
 P210 Keep away from heat/sparks/open flames/hot surfaces-No Smoking
 P280 Wear protective gloves/protective clothing/eye protection/face protection
 P370+P378 In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction.
 P403+P235 Store in a well ventilated place. Keep cool
 P501 Dispose of contents/container to an approved waste disposal plant.

Hazards no otherwise classified (HNOC) or not covered by GHS None

HMIS Classification
 Health Hazard 0
 Flammability 2
 Physical Hazards 0

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms	Butyl caproate
Formula	C ₁₀ H ₂₀ O ₂
Molecular Weight	172.26 g/mol
CAS #	626-82-4
EC#	210-964-6

Component	Classification	Concentration
Butyl hexanoate	Flammable Liquid: (4) H227	-

Section 4: FIRST AID MEASURES

General Advise:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Contact with eyes:	Rinse thoroughly with plenty of water for at least 15 minutes as a precaution.
Contact with skin:	Remove contaminated clothing. Rinse skin with cool water then wash with plenty of mild soap and warm water. Consult a physician
Inhalation:	Provide fresh air, Consult a physician
Ingestion:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water, seek medical advice, show this container or label to attending physician
Clothing contamination:	Wash contaminated clothing before re-use

Section 5: FIREFIGHTING MEASURES

Suitable extinguishing media	Use water spray, alcohol resistant foam, dry chemical or carbon dioxide
Special hazards arising from the substance or mixture	Carbon oxides
Advice for firefighters	Wear self contained breathing apparatus for firefighting if necessary
Further information	Use water spray to cool unopened containers.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe area. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Environmental-protected measures	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Procedures for cleaning / absorption

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. After sweep up, wash and ventilate area well.

Section 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid inhalation of vapors or mist, Keep away from sources of ignition. No smoking. Take measures to prevent the build-up of electrostatic charge.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

Contains no substances with occupational exposure limit values

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.

Body Protection:

Clothing protecting against chemicals 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:

Where risk assessment shows air-purifying respirators are appropriate use a full face respirator with multi-purpose combination (US) or type ABEK (EN1437) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full face supplied air respirator. Tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Eye Protection:

Wear appropriate safety glasses with side shields. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand Protection:

Wear chemically resistant rubber gloves and use proper glove removal techniques to avoid skin contact with this product. Wash and dry hands after handling this product.

Industrial Hygiene:

Avoid contact with skin, eyes, and clothing. Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse. Wash hands after working with product.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid, clear
Color:	Colorless
Odor:	Fruity
Melting Point	No data available
Boiling Point:	208°C
Flashpoint:	81°C – closed cup

Ignition temperature	No data available
Lower Explosion Limit	No data available
Upper Explosion Limit	No data available
Vapor Pressure:	No data available
Specific Gravity @ 25°C:	0.860-0.870
Solubility	No data available

Section 10: STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions
Possibility of Hazardous reactions	No data available
Conditions to avoid	Heat, Flame, Sparks
Materials to avoid	Strong Oxidizing Agents
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions-Carbon oxides.

Section 11: TOXICOLOGICAL INFORMATION

LD50, Oral Rat	>5,000 mg/kg
LC50 Inhalation	No data available
LD50 Dermal -Rabbit	>5,000 mg/kg
Further toxicological information	No data available
Skin corrosion / irritation	Rabbit: Mild skin irritation 24 h (Draize Test)
Serious eye damage / eye irritation	No data available
Respiratory or skin sensitization	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 as a known or anticipated carcinogen by NTP.
OSHA	No component of this product, present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity	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

Potential health effects	Inhalation	May be harmful if inhaled. May cause respiratory tract irritation
	Ingestion	May be harmful if swallowed
	Skin	May be harmful if absorbed through skin. May cause skin irritation
	Eyes	May cause eye irritation

Synergistic effects	No data available
RTECS	MO6950000
Additional information	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

Section 12: ECOLOGICAL INFORMATION

Toxicity	No data available
Other adverse effects	No data available

Section 13: DISPOSAL CONSIDERATIONS

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

Section 14: TRANSPORT INFORMATION

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

Section 15: REGULATORY INFORMATION

OSHA Hazards	Combustible Liquid
SARA 302	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	Fire Hazard
Massachusetts Right to Know Components	No components are subject to the Massachusetts Right to Know Act
Pennsylvania Right to Know Components	Butyl hexanoate CAS # 626-82-40 Rev. Date:
New Jersey Right to Know Components	Butyl hexanoate CAS # 626-82-40 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

Safety Data Sheet

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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