

HEALTH
FLAMMABILITY
REACTIVITY

Section 1: IDENTIFICATION

Product Name: **Propyl-2-Methyl Butyrate, Natural**
 Product Number: 010001
 CAS-No: 37064-20-3

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
 GHS Classification

Skin irritation
 Eye irritation
 Specific target organ toxicity-Single exposure - Respiratory System

GHS Label elements, including precautionary
 statements
 Pictogram



Signal Word: Warning

Hazard Statement(s):

H303	May be harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

Precautionary Statement(s):

P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing If exposed or concern, get medical attention

HMIS Classification

P308+P313	Health Hazard	0
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Flammability 3
Physical Hazards 0

Potential Health Effects

Inhalation May be harmful if inhaled.
Skin Causes skin irritation.
Eyes Causes eye irritation.
Ingestion May be harmful if swallowed.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Synonyms Propyl 2-Methylbutanoate Chiral
Formula $C_8H_{16}O_2$
Molecular Weight
CAS # 37064-20-3
EC# 253-329-9

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 For small (incipient) fires, use media such as alcohol foam, dry chemical or carbon dioxide. For large fires, apply water from as far away as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all containers with flooding quantities of water.

Special protective equipment for firefighters Wear self contained breathing apparatus for firefighting if necessary

Other Information Hazardous decomposition products formed under fire conditions – Carbon oxides. 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. May form flammable/explosive vapor air mixture.

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
Ventilate area	After sweep up, wash area and ventilate area well

Section 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapors or mist. Keep away from sources of ignition – No smoking. Take measures to prevent the buildup 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. Store in cool place.

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:	In well ventilated areas, respiratory protection is not normally required. If confined, poorly ventilated area the use of respirators may be required. 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 goggles with face shield. 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 Nitrile rubber gloves 0.3 mm thick 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. Limit exposure to product whenever possible.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Colorless to Pale Yellow
Odor:	Coconut, cream, fatty
Melting Point	No data available
Boiling Point:	156.0oC
Flashpoint:	12°C
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
Solubility	Soluble in alcohol Slightly soluble in water

Section 10: STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions
Possibility of Hazardous reactions	Polymerization will not occur and it will not react violently with water.
Conditions to avoid	Heat, Flame, Sparks
Materials to avoid	Highly reactive chemical oxidants.
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions-Carbon oxides.

Section 11: TOXICOLOGICAL INFORMATION

LD50, Oral	No data available
LC50 Inhalation	No data available
LD50 Dermal	No data available
Further toxicological information	No data available
Skin corrosion / irritation	No data available
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

Safety Data Sheet

Specific target organ toxicity-Repeated Exposure (GHS)	No data available
Aspiration hazard	No data available
Synergistic effects	No data available
RTECS	Not available
Additional information	<p>The health hazard information is based on laboratory animal test data for the individual components of this product in their pure form as provided under 29 CFR 1910.1200 (d)(ii). The user should consider the relevancy of this information in a manner consistent with its particular purpose.</p> <p>To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated</p>

Section 12: ECOLOGICAL INFORMATION

Toxicity	Not EPA Toxic Substance
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)	UN-Number 1993 Class 3 Packing Group III
Proper shipping name	Flammable Liquid, n.o.s. (Propyl 2-Methyl Butyrate)
Marine Pollutant	No
Poison inhalation hazard	No
IMDG	UN-Number 1993 Class 3 Packing Group III
Proper shipping name	Flammable Liquid, n.o.s. (Propyl 2-Methyl Butyrate)
Marine Pollutant	No
IATA	UN-Number 1993 Class 3 Packing Group III
Proper shipping name	Flammable Liquid, n.o.s. (Propyl 2-Methyl Butyrate)
	No

Section 15: REGULATORY INFORMATION

OSHA Hazards	Flammable Liquid, Irritant
SARA 302	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Safety Data Sheet

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, Acute Health Hazard

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.

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