

HEALTH	0
FLAMMABILITY	3
REACTIVITY	0

Section 1: IDENTIFICATION

Product Name: **2-Methyl Butyl Acetate, Natural**
 Product Number: **0364400**
 Recommended Use: Flavorings
 Manufacturer: Aurochemicals
 7 Nicoll Street
 Washingtonville, NY 10992 USA
 Emergency Telephone No.: 1-800-535-5053
 (International 1-352-323-3500 collect)

Section 2: HAZARD(s) IDENTIFICATION

OSHA Hazards
 GHS Classification
 GHS Label elements, including precautionary
 statements
 Pictogram

Flammable Liquid
 Flammable liquids (Category 3)



Signal Word:
 Hazard Statement(s):
 Precautionary Statement(s):
 HMIS Classification

Warning
 H226 Flammable liquid and vapor
 None
 Health Hazard 0
 Flammability 3
 Physical Hazards 0

Potential Health Effects

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

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Formula	C ₇ H ₁₄ O ₂
Molecular Weight	130.18 g/mol
CAS #	624-41-9
EC#	210-843-8

Component	Concentration
2-Methylbutyl acetate	-

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 and seek medical advice.
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

Conditions of flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface- No smoking.
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
Other Information	Hazardous decomposition products formed under fire conditions – Carbon oxides. Use water spray to cool unopened containers.

Section 6: ACCIDENTIAL 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
Ventilate area	After sweep up, wash area and ventilate area well

Section 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid inhalation of vapor 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:		Components with workplace control parameters		
Component	CAS-No.	Value	Control Parameters	Basis
2-Methylbutyl acetate	624-41-9	TWA	50ppm	USA. ACGIH Threshold Limit Values (TLV)
		Remarks: Upper Respiratory Tract irritation		
		STEL	100 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Remarks: Upper Respiratory Tract irritation		

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:	Impervious, flame retardant antistatic protective 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 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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Colorless
Odor:	Apple, banana, pear
Melting Point	No data available
Boiling Point:	141°C
Flashpoint:	39°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:	0.872-0.882
Solubility	No data available

Section 10: STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions
Possibility of Hazardous reactions	Vapors may form explosive mixture with air.
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	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 a known or anticipated 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)	Inhalation – May cause respiratory irritation
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	EL5466666
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)	UN number: 1104, Class 3, Packing Group III
Proper shipping name	Flammable Liquid, n.o.s. (Amyl Acetates)
Reportable Quantity (RQ)	No
Marine Pollutant	No
Poison inhalation hazard	No
IMDG	UN number: 1104, Class 3, Packing Group III EMS-No.: F-E, S-D
Proper shipping name	AMYL ACETATES

Safety Data Sheet



Marine Pollutant
IATA
 Proper shipping name

No
 UN number: 1104, Class 3, Packing Group III
 Amyl Acetates

Section 15: REGULATORY INFORMATION

OSHA Hazards SARA 302	Flammable liquid 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 Massachusetts Right to Know Components	Fire Hazard No components are subject to the Massachusetts Right to Know Act
Pennsylvania Right to Know Components	2-Methylbutyrate acetate CAS # 624-41-9 Rev. Date:
New Jersey Right to Know Components	2-Methylbutyrate acetate CAS # 624-41-9 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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