

# Safety Data Sheet

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

## Section 1: IDENTIFICATION

Product Name: **Isobutyl Isobutyrate, Natural**  
 Product Number: **0218900**  
 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, Irritant  
 GHS Classification: Flammable Liquids (Category 3)  
 Acute toxicity, Inhalation (Category 5)  
 Skin irritation (Category 2)  
 Eye irritation (Category 2A)  
 Specific target organ toxicity-single exposure (Category 3)

Signal Word: **WARNING**

Pictogram or written description: 

Hazard Statement:

H226	Flammable liquid and vapor.
H315	Causes skin irritation
H319	Causes serious eye irritation
H333	May be harmful if inhaled
H335	May cause respiratory irritation

Precautionary Statement:

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

HMIS Classification:

Health Hazard	2
Flammability	2
Physical Hazards	0

Potential Health Effects:

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

# Safety Data Sheet

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

### Substances:

Component	Isobutyl isobutyrate
Common Name:	Isobutyl Isobutyrate
Synonyms:	
CAS #	97-85-8
EC#	202-612-5
Formula	C <sub>8</sub> H <sub>16</sub> O <sub>2</sub>
Molecular Weight	144.21 g/mol

## 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 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:	Remove contaminated clothing and wash before reuse.

## Section 5: FIREFIGHTING MEASURES

Conditions of Flammability	Flammable Liquid
Suitable Extinguishing Media	For small (incipient) fires, use media such as "alcohol" foam, dry chemicals, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.
Special Firefighting Procedures:	Do not stay in danger zone without self contained breathing apparatus.  Wear rubber boots and heavy rubber gloves.  Prevent fire-fighting water from entering surface or ground water Cool unopened containers with water spray from a safe distance. Contain escaping vapors with water.
Special Risks	Highly Flammable. Vapors heavier than air. Forms explosive mixtures with air at ambient temperatures. Development of hazardous combustion gases or vapors possible in the event of fire.
Other Information	Hazardous decomposition products formed under fire conditions – Carbon oxides

# Safety Data Sheet

## Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Evacuate personnel to safe areas. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. 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 allow to enter drains or sewage system.
Procedures for cleaning / absorption	Take up with liquid absorbent material. Place in appropriate container and keep closed until disposal.
Ventilate area	After clean up, wash spill area and ventilate the area well.

## Section 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition- No smoking. Take measures to prevent the buildup of electrostatic charge.
Conditions for safe storage	Store in cool place. Keep container tightly closed, in dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from source of ignition – no smoking

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	Contains no substances with occupational exposure limit values.
Personal Protective Equipment:	<b>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.</b>
Body Protection:	Protective clothing of impervious, flame retardant antistatic material 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 appropriate eye and face protection – Face Shield.
Hand Protection:	Wear chemically resistant gloves of Nitrile rubber.
Industrial Hygiene:	Handle in accordance with good industrial hygiene and safety practice. Change contaminated clothing and wash before reuse. Wash hands after working with product. Application of barrier cream is recommended.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless liquid
Odor:	Fruity

# Safety Data Sheet

Boiling Point:	144-151°C
Flashpoint:	37°C
Melting Point/Freezing Point:	No data available
Ignition temperature	432°C
Lower Explosion Limit	No data available
Upper Explosion Limit	No data available
Vapor Pressure:	1 hPa (1 mmHg) at 39.9°C
Specific Gravity @ 25°C:	0.850-0.858
Solubility :	Insoluble in water; soluble in organic solvents

## Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions
Possibility of hazardous reactions	No data available
Conditions to avoid	Strong oxidizing agents, Strong bases
Hazardous decomposition products:	Fumes formed under fire conditions – carbon oxides
Further information	No data available

## Section 11: TOXICOLOGICAL INFORMATION

### Acute Toxicity

LD50, Oral Rat	12,800 mg/kg
LC50 Inhalation Rat	5000 ppm – 6h
LD50 Dermal Rabbit	>8,600 mg/kg

Other information on acute toxicity	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 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
Teratogenicity	No data available

Specific target organ toxicity-single exposure (GHS)	Inhalation-May cause respiratory irritation.
--	--

Specific target organ toxicity-repeated	No data available
---	-------------------

# Safety Data Sheet

exposures (GHS)  
Aspiration Hazards

No data available

Potential Health effects

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

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects

No data available

RTECS:

NQ5250000

## 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	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

<b>DOT (US)</b>	UN 2528 Class 3 Packing Group III
Proper shipping name	Isobutyl Isobutyrate
Reportable Quantity (RQ)	
Marine pollutant	No
Poison Inhalation Hazard	No
<b>IMDG-Classification</b>	UN 2528 Class 3 Packing Group III EMS-No.: F-E, S,D
Proper shipping name	ISOBUTYL ISOBUTYRATE
Marine pollutant	No
<b>IATA-Classification</b>	UN 2528 Class 3 Packing Group III
Proper shipping name	Isobutyl Isobutyrate

## Section 15: REGULATORY INFORMATION

OSHA Hazards	Combustible Liquid, Irritant
--------------	------------------------------

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
---------------------	--

# Safety Data Sheet



exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard

Massachusetts Right to Know components

No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know components

Isobutyl Isobutyrate CAS# 97-85-8 Rev. Date: 3/1/2007

New Jersey Right to Know components

Isobutyl Isobutyrate CAS# 97-85-8 Rev. Date: 3/1/2007

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.

<b>Issued by:</b>	<b>Contact Person:</b>
Aurochemicals	Deo N. Persaud
7 Nicoll Street	Revised Date: 8/14/2022
Washingtonville, NY 10992 USA	