



# Safety Data Sheet ( SDS )

This SDS is authoring based on the data supplied by and identified on behalf of the client.

Sample Name: Isobutyl Isobutyrate (IBIB)  
Client Name: Aldoryx Limited  
Client Address: Level 7, Star House, No.3 Salisbury Road, Tsim Sha Tsui,  
Hong Kong  
SDS No.: 2026031305E  
Issue Date: March 13, 2026

Signed for and on behalf of  
JINHUA HEBIAO TESTING TECHNOLOGY CO., LTD

  
David Chen

Approved signator: David Chen



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The information and recommendations set forth are made in good faith and believed to be accurate as of the date of preparation. We make no warranty, expressed or implied, with respect to this information and disclaim all liabilities from reliance on it.

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## 1. Identification of the Substances/Preparation and of the Company/Undertaking

### Product Identification:

Product Name: Isobutyl Isobutyrate (IBIB)  
CAS: 97-85-8

### Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Isobutyl Isobutyrate (IBIB).  
Use advised against: No data available.

### Details of the Manufacturer or supplier

Supplier: Aldoryx Limited.  
Address: Level 7, Star House, No.3 Salisbury Road, Tsim Sha Tsui, Hong Kong.  
Telephone: +86-17666662577  
Email: sales@Aldoryx.com

### Emergency telephone number

Emergency Telephone: +86-17666662577

## 2. Hazards Identification

### Classification of the substance or mixture

Classification: Flammable liquids (Category 3), H226  
Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336

### GHS Label elements

GHS Labels:

Pictogram(s):



Signal Word: Warning

Hazard Statement: H226: Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.

### Precautionary statement(s)

Prevention precautionary statements: P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P233: Keep container tightly closed  
P240: Ground/bond container and receiving equipment

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<b>Response Precautionary Statements:</b>	P241: Use explosion-proof electrical/ventilating/light/.../equipment P242: Use only non-sparking tools P243: Take precautionary measures against static discharge P261: Avoid breathing dust/fume/gas/mist/vapours/spray P271: Use only outdoors or in a well-ventilated area P280: Wear protective gloves/protective clothing/eye protection/face protection  P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower P304+340+312: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. P370+P378: In case of fire: Use dry sand, dry powder, carbon dioxide or alcohol-resistant foam.
<b>Storage Precautionary Statements:</b>	P405: Store locked up P403+233: Store in a well ventilated place. Keep container tightly closed P403+235: Store in a well ventilated place. Keep cool
<b>Disposal Precautionary Statements:</b>	P501: Dispose of contents and container in accordance with local/regional/national /international regulations.

### Description of any hazards not otherwise classified

None. See section 11 for more detailed information on health effects and symptoms.

## 3. Composition/Information on Ingredients

### Chemical Characterization

Substance. Consists of the following ingredients.

Composition:

Ingredients	CAS No.	Content (%w/w)
Isobutyl isobutyrate	97-85-8	≥99.5%

## 4. First-Aid Measures

### Description of first aid measures:

**Eye Contact:** Immediately flush eyes with plenty of water for at least 10 minutes, occasionally lifting the upper and lower eyelids. If irritation occurs and persists, contact a

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doctor.

**Skin Contact:** Remove and isolate contaminated clothing and shoes. Wash off with soap and plenty of water. Get medical attention if skin cracking or redness occurs.

**Inhalation:** Move victim to fresh air. Apply artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Administer oxygen if breathing is difficult. Get medical attention.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Wash out mouth with water. Keep patient warm and at rest. Get medical attention.

### Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media: Use water fog, Dry chemical, carbon dioxide or alcohol-resistant foam. Use water fog to cool the unopened containers involved in fire.

Unsuitable extinguishing media: Do not use a solid water stream as it may scatter or spread fire.

### Special hazards arising from the substance or mixture

Liquid and vapor are flammable. Vapor can form explosive mixture with air. Vapours may form explosive mixtures with air. Vapour may cause flash fires. Vapours may accumulate in low or confined areas, travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create a fire or explosion hazard. Containers may explode when heated. Gives off hazardous vapor and combustion product(Carbon oxides, etc.) in a fire.

### Advice for firefighters

Evacuate personnel to safe areas. As in any fire, Wear self-contained breathing apparatus (SCBA) and full protective equipment. Fire fighting from a safe distance.

### Further information

According to the standard chemical firefighting measures. Use water fog to cool down unopened container involved in fire. Prevent fire extinguishing water from contaminating surface water or the ground water source.

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### 6. Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

#### **Personal precautions, protective equipment and emergency procedures:**

Evacuate area. Ventilate area. Remove all sources of ignition. Avoid direct contact with spillage. Avoid inhaling vapor. Use suitable personal protective equipment.

#### **Environmental precautions:**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Advise authorities if spilled material has entered water courses or sewer or has contaminated soil or vegetation.

#### **Methods and materials for containment and cleaning up:**

Small quantities may be contained by inert material (sand, diatomite, acid binders, universal binders, sawdust). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Gather the spilled product and keep in suitable, closed containers for recycle or disposal (see section 13). Flush contaminated area with plenty of water.

### 7. Handling and Storage

#### **Precautions for safe handling:**

The usual precautionary measures for handling chemicals should be followed.

Use in well-ventilated area. Use appropriate, approved safety equipment as in section 8.

Avoid contact with skin and eyes. Avoid breathing vapor or mist.

Wash thoroughly after handling.

Keep away from heat, sparks, open flames and hot surfaces.

Keep container tightly closed when not in use.

Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

Keep away from strong oxidizing agents, strong acid and strong base. Equip with fire fight and accidental release equipment.

For precautions see section 2.

#### **Conditions for safe storage, including any incompatibilities:**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from foodstuffs. Do not store together with incompatible materials. Keep away from heat/sparks/open flames/overheat. Avoid direct sunlight. Equip with fire fight and accidental release equipment in storage area.

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### 8. Exposure Controls/Personal Protection

**Exposure Limits:** Not established.

#### Exposure controls

**Engineering Control:** General industrial hygiene practice. Provide appropriate exhaust ventilation. Provide safe shower and eye wash fountain.

#### Personal protective equipment:

**Respiratory Protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Eyes Protection:** Use face shield and safety glasses if in-eye risk exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Body Protection:** Complete suit protecting against chemicals. If liquid splash exists, wear chemical resistant complete suit, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Hands Protection:** Handle with chemical-resistant gloves. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product.

**Other Protections:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### 9. Physical and Chemical Properties

Information on basic physical and chemical properties	
<b>Appearance</b>	Transparent liquid.
<b>Color</b>	Colorless (Pt-Co ≤15).
<b>Odor</b>	Mild fruity ester odor.
<b>pH</b>	Not applicable
<b>Melting point/freezing point</b>	-80 °C (approx.)
<b>Initial boiling point and boiling range</b>	147–150 °C
<b>Flash point</b>	40°C (104°F)(Tag closed cup)

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Evaporation rate	Not available
Flammability	Flammable liquid and vapour
Lower explosive limit %(V/V)	1.2 %
Upper explosive limit %(V/V)	7.5 %
Vapor pressure	~4 hPa (20 °C)
Vapor density	4.4 (air = 1)
Relative density	0.86 (20 °C)
Solubility(ies)	Slightly soluble in water
Partition coefficient: n-octanol/water	log Pow ≈ 2.5
Auto-ignition temperature	~420 °C
Decomposition temperature	Not available
Viscosity	~0.7 mPa·s (20 °C)

### 10. Stability and Reactivity

**Stability:** Stable under normal storage temperature and pressure.

**Conditions to Avoid:** Heat, flames and sparks.

**Incompatible materials:** Strong oxidizing agents, strong base, strong acid.

**Hazardous Decomposition Products:** Other decomposition products- no data available. In the event of fire:see section 5.

**Possibility of hazardous reactions:** None hazardous reactions known under normal condition.

### 11. Toxicological Information

<b>Acute Toxicity:</b>	No data available.
<b>Skin Corrosion/Irritation:</b>	No irritating effects known.
<b>Serious Eye Damage/Eye Irritation:</b>	May cause eye irritation.
<b>Respiratory or Skin Sensitization</b>	No sensitizing effects known.
<b>Germ Cell Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity:</b>	None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.
<b>Reproductive Toxicity:</b>	Based on available data, the classification criteria are not met.

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<b>Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System):</b>	May cause drowsiness or dizziness.
<b>Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System):</b>	Based on available data, the classification criteria are not met.
<b>Aspiration Hazard:</b>	Based on available data, the classification criteria are not met.
<b>Potential Health Effects:</b>	
<b>Inhalation:</b>	May be harmful if inhaled vapor. May cause drowsiness or dizziness.
<b>Skin Contact:</b>	May be harmful if absorbed by skin.
<b>Eye Contact:</b>	May cause serious eye irritation.
<b>Ingestion:</b>	May be harmful if ingested.

## 12. Ecological Information

### Toxicity

No data available.

### Persistence and degradability

No data available.

### Bioaccumulative potential

No data available.

### Mobility in soil

No data available.

### Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### Other adverse effects

Do not allow large amount of materials to release to drains or water body.

## 13. Disposal Considerations

### Waste treatment methods

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## Product

Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company.  
Observe according to the national and local related regulations.

## Contaminated packaging

Drain container thoroughly. Empty containers may contain highly flammable residues. Do not cut, grind, drill, weld or dispose of containers unless adequate precautions have been taken against this hazard. Do not remove container labels until they are cleaned.

## 14. Transport Information

### UN-Number

ADR/RID/ADN, IMO/IMDG, IATA UN2528

### UN proper shipping name

ADR/RID/ADN, IMO/IMDG, IATA ISOBUTYL ISOBUTYRATE

### Transport hazard class(es)

ADR/RID/ADN, IMO/IMDG, IATA

Class 3

Label



### Packing group

ADR/RID/ADN, IMO/IMDG, IATA III

### Environmental hazards

Marine pollutant(Yes/No): No

### EmS

F-E, S-D

### Special precautions for user

Refer to product manual, SDS, emergency procedures, etc. before handling.

Transport in bulk according to Annex 1 of Marpol and the IBC Code Not available.

## 15. Regulatory Information

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## International Regulations

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

No information available.

## **Chemical safety assessment**

For this product a chemical safety assessment was not carried out.

## 16. Other Information

### **Further Information:**

·This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

·This safety data sheet was prepared in accordance with Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Rev.11.

**Department Issuing SDS:** Aldoryx Limited.

**Issue Date:** March 13, 2026

\*\*\*\*\*End\*\*\*\*\*