

## Material Safety Data Sheet Sucrose Acetate Isobutyrate (SAIB)

### Section 1 - Product Identification

Product Name : Sucrose Acetate Isobutyrate (SAIB)  
Company Identification : Tradeasia International Pte. Limited  
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### Section 2 – Hazards Identification

#### GHS Classification

Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

#### Other hazards

None known.

### Section 3 – Composition/Information on Ingredients

Substance name : alpha-D-glucopyranoside, beta-D-fructofuranosyl, diacetate  
hexakis(2-methylpropanoate)

CAS-No. : 27216-37-1

#### Components

Chemical name	CAS-No.	Concentration (% w/w)
sucrose acetate isobutyrate	126-13-6, 27216-37-1, or 137204-24-1	100

### Section 4 – First-Aid Measures

If inhaled : Move to fresh air.  
Treat symptomatically.  
If symptoms persist, call a physician.

In case of skin contact : Wash off with soap and water.  
If symptoms persist, call a physician.  
In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed : Seek medical advice.

Most important symptoms and effects, both acute and delayed : None known.

Notes to physician : Treat symptomatically.

### Section 5 – Fire Fighting Measures

Suitable extinguishing media : Water spray  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

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

Specific hazards during firefighting : None known.

Further information : None known.

Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

### Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Local authorities should be advised if significant spillages cannot be contained.

Environmental precautions : Avoid release to the environment.

Methods and materials for : Contain spillage, soak up with non-combustible absorbent material, (e.g.

containment and cleaning up sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

## Section 7 – Handling and Storage

Advice on protection against fire and explosion : None known.

Advice on safe handling : Wash thoroughly after handling.  
Use only in area provided with appropriate exhaust ventilation.

Conditions for safe storage : Keep tightly closed.

## Section 8 – Exposure Controls/Personal Protection

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

**Engineering measures** : Ensure adequate ventilation.

### Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Hand protection  
Remarks : Wear suitable gloves.

Eye protection : Safety glasses

Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

## Section 9 – Physical and Chemical Properties

Appearance : viscous liquid

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Colour	: yellow
Odour	: slight
Odour Threshold	: not determined
Boiling Point (boils with decomposition)	: 288 °C decomposes
Flash point	: 227 °C Method: Tag closed cup
Evaporation rate	: not determined
Vapour pressure	: not determined
Relative density	: 1.146 (25 °C)
Solubility(ies) Water solubility	: negligible
Partition coefficient: n-octanol/water	: Pow: 1,000,000 log Pow: 6
Decomposition temperature	: 420 °C Method: DTA
Viscosity	
Viscosity, dynamic	: 100,000 mPa.s (30 °C)
Viscosity, kinematic	: 87260 mm <sup>2</sup> /s (30 °C)

## Section 10 – Stability and Reactivity

Reactivity	: None reasonably foreseeable.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Stable
Conditions to avoid	: None known.

Incompatible materials : Strong oxidizing agents

Hazardous : Carbon dioxide (CO<sub>2</sub>)  
decomposition products Carbon monoxide

## Section 11 – Toxicological Information

### Acute toxicity

Not classified based on available information.

### Skin corrosion/irritation

Not classified based on available information.

### Serious eye damage/eye irritation

Not classified based on available information.

### Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

### Reproductive toxicity

Not classified based on available information.

### STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

### Aspiration toxicity

Not classified based on available information.

## Information on likely routes of exposure

### **Product:**

Inhalation	: Remarks: None known.
Skin contact	: Remarks: None known.
Eye contact	: Remarks: None known.
Ingestion	: Remarks: None known.

## Section 12 – Ecological Information

### **Ecotoxicity**

No data available

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

No data available

## Section 13 – Disposal Considerations

### **Disposal methods**

Waste from residues : Dispose of in accordance with local regulations.

## Section 14 – Transport Information

### **International Regulations**

#### **IATA-DGR**

Not regulated as a dangerous good

#### **IMDG-Code**

Not regulated as a dangerous good

### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

## National Regulations

### TDG

Not regulated as a dangerous good

## Section 15 – Regulatory Information

### The components of this product are reported in the following inventories:

TSCA	: On TSCA Inventory
DSL	: On the inventory, or in compliance with the inventory
AICS	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

### Canadian lists

No substances are subject to a Significant New Activity Notification.

## Section 16 : Additional Information

### Disclaimer

The information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed correct as of the date hereof. It is compiled from various sources and it is not necessarily all inclusive nor fully adequate in every circumstance. In addition, these suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements applicable. This MSDS sheet 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.