



SAFETY DATA SHEET

SEC-BUTYL ACETATE

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: SEC-BUTYL ACETATE

Recommended use: Chemical for industrial

Manufacturer/Supplier: MODERN CHEMICAL CO.,LTD.
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2. HAZARDS IDENTIFICATION

Label elements

Pictogram



Signal word

Danger

Hazard statement(s):

- 1.) Highly flammable liquid and vapour.
- 2.) May be harmful if swallowed.

Precautionary statement(s):

- 1.) Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- 2.) Keep containers tightly closed.
- 3.) Ground/bond container and receiving equipment.
- 4.) Use explosion-proof electrical/ventilating/lighting/equipment.
- 5.) Use only non-sparking tools.
- 6.) Take precautionary measures against static discharge.



- 7.) Wear protective gloves/protective clothing/eye protection/face protection.
- 8.) IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- 9.) Call a POISON CENTER or doctor/if you feel unwell.
- 10.) Store in a well-ventilated place. Keep cool.
- 11.) Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonym: N/A

Ingredients	% (w/w)	CAS NO.
SEC-BUTYL ACETATE	100	105-46-4

4. FIRST AID MEASURES

- General advice:** No data available.
- Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
- Skin contact:** Wash off with soap and plenty of water. Consult a physician.
- Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person.
Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media:

No data available.

Specific hazards arising from Chemicals:

Carbon oxides.

Special protective equipment for fire-fighters:

Wear self contained breathing apparatus for fire fighting if necessary.



6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Material for Containment and Clean Up:

Soak up with inert absorbent material and dispose of as hazardous waste.
Keep in suitable, closed containers for disposal.

7. HANDING AND STORAGE

Precautions for Safe Handling & Product Transfer:

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition-No smoking. Take measures to prevent the build up of electrostatic charge.

Conditions for Safe Storage & Unsuitable Materials:

Store in cool place. 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: No data available.

Appropriate Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

Individual Protection Measures

Respiratory protection: Use a full-face supplied air respirator.

Hand protection: Wear impervious chemical resistant gloves.

Eye protection: Wear chemical goggles.

Skin and body Protection: Wear appropriate chemical resistant clothing.

Hygiene measure: No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Color and Odor: liquid, colorless, weaker fruit flavor	Evaporation rate : 1.8 - 2.0 (n-Butyl Acetate=1)
Melting Point: -98.9 °C	Specific gravity : 0.860 - 0.878 kg/m ³ at 20 °C
pH: N/A	Solubility in water : Insoluble



Boiling point : 112.3 °C	Viscosity : 23.33 mpa.s at 21.1 °C
Vapour pressure: 3.2 KPa at 25 °C	Vapour density: 4 g/ml (Air=1)
Lower explosion limits: N/A	Upper explosive limit: N/A
Auto-ignition temperature: 460 °C	Flash point: 16 °C
Odour threshold: N/A	Flammability (solid, gas): N/A
Decomposition temperature: N/A	Solubility in other solvents: ethanol, ether and other organic solvents
n-octanol/water partition coefficient (log P_{ow}): 1.51	

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under the condition recommended.
Reactions:	No data available.
Possibility of Hazardous Reactions:	No data available.
Conditions to avoid:	Heat, flames and sparks. Extremes of temperature and direct sunlight. Moisture.
Materials to be avoided:	Strong oxidizing agents.
Hazardous Decomposition Products:	No data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	LD50 (Oral, rat): 3200 mg/kg
Sensitization:	No data available.
Chronic toxicity:	No data available.
Further toxicological information:	No data available.

12. ECOLOGICAL INFORMATION

Toxicity	
Toxicity to fish:	No data available
Toxicity to daphnia and other aquatic invertebrates:	No data available
Toxicity to bacteria:	No data available
Biodegradability remark:	No data available
Bioaccumulative potential:	No data available



Mobility: No data available

Affected in any other way: No data available

13. DISPOSAL CONSIDERATIONS

Material Disposal: Dispose of in a manner consistent with federal, state, and local regulations.
Burning method is recommended.

Container Disposal: Dispose of in a manner consistent with federal, state, and local regulations.
Burning method is recommended.

14. TRANSPORT INFORMATION

ADR/RID

UN-No: 1123 Class: 3 Packing group: II

Proper shipping name: BUTYL ACETATES

IMDG

UN-No: 1123 Class: 3 Packing group: II

Marine pollutant: No

Proper shipping name: BUTYL ACETATES

IATA

UN-No: 1123 Class: 3 Packing group: II

Proper shipping name: Butyl Acetates

15. REGULATORY INFORMATION

Component	CHINA	TSCA	ENCS	EINECS
SEC-BUTYL ACETATE	-	-	-	✓

Note1:

CHINA – China Inventory of Existing Chemical Substances

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

ENCS – Japan Existing and New Chemical Substances

EINECS – European Inventory of Existing Commercial Chemical Substances

Note2:

✓ Indicates that the substance included in the regulations

- That no data or included in the regulations



16. OTHER INFORMATION

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