



Rosehill Polymers™

SAFETY DATA SHEET
Butyl Acetate

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Butyl Acetate
Chemical name	n-butyl acetate
Product number	Butyl Acetate
Container size	1 litre bottles, 5-25 litre kegs, 220 litre drums, 1000 litre IBC's
CAS number	123-86-4
EU index number	607-025-00-1
EC number	204-658-1

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Diluent
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1.3. Details of the supplier of the safety data sheet

Supplier	Rosehill Polymers Ltd Rosehill Mills Beech Road Sowerby Bridge West Yorkshire HX6 2JT 00 44 (0) 1422 839610 00 44 (0) 1422 835786 info@rosehillpolymers.com
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1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards	Flam. Liq. 3 - H226
Health hazards	STOT SE 3 - H336
Environmental hazards	Not Classified

2.2. Label elements

EC number	204-658-1
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Pictogram



Signal word	Warning
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Hazard statements	H226 Flammable liquid and vapour. H336 May cause drowsiness or dizziness.
Precautionary statements	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing vapour/spray. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. P501 Dispose of contents/container in accordance with national regulations.
Supplemental label information	EUH066 Repeated exposure may cause skin dryness or cracking.
Contains	n-butyl acetate

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

n-butyl acetate	60-100%
CAS number: 123-86-4	EC number: 204-658-1
Classification Flam. Liq. 3 - H226 STOT SE 3 - H336	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.
Skin contact	Wash skin thoroughly with soap and water or use an approved skin cleanser. Remove contaminated clothing and rinse skin thoroughly with water. Take off immediately all contaminated clothing and wash it before reuse.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.

4.2. Most important symptoms and effects, both acute and delayed

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Skin contact Prolonged contact may cause redness, irritation and dry skin.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish. Water spray, fog or mist.

5.2. Special hazards arising from the substance or mixture

Specific hazards Toxic gases or vapours.

Hazardous combustion products Toxic gases or vapours. Carbon dioxide (CO₂).

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Do not allow water to contact any leaked material.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No action shall be taken without appropriate training or involving any personal risk. Ensure procedures and training for emergency decontamination and disposal are in place. Avoid inhalation of vapours and contact with skin and eyes. Do not enter storage areas or confined spaces unless adequately ventilated. Use suitable respiratory protection if ventilation is inadequate. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. If leakage cannot be stopped, evacuate area. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. To prevent release, place container with damaged side up. Cover large spillages with alcohol-resistant foam. Avoid water contacting spilled material or leaking containers. Absorb spillage with sand or other inert absorbent.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions For use in industrial installations only. Do not handle until all safety precautions have been read and understood. Wear protective clothing as described in Section 8 of this safety data sheet. Do not breathe vapours. Use only in well-ventilated areas. Mechanical ventilation or local exhaust ventilation may be required. Use suitable respiratory protection if ventilation is inadequate. Keep away from heat, sparks and open flame.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash promptly with soap and water if skin becomes contaminated.

7.2. Conditions for safe storage, including any incompatibilities

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Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect containers from damage. Do not store near heat sources or expose to high temperatures. Keep away from oxidising materials, heat and flames. Keep away from flammable and combustible materials. Keep away from food and drink. May attack some plastics, rubber and coatings.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): 150 ppm 724 mg/m³ fume

Short-term exposure limit (15-minute): 200 ppm 966 mg/m³ fume

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

Wear eye protection.

Hand protection

Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Neoprene. Polyvinyl chloride (PVC). Rubber (natural, latex). Viton rubber (fluoro rubber).

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Good personal hygiene procedures should be implemented. Wash skin thoroughly after handling. Wash promptly if skin becomes contaminated. Take off immediately all contaminated clothing and wash it before reuse.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless.
Odour	Ester.
Flash point	27°C CC (Closed cup).
Solubility(ies)	Miscible with the following materials: Organic solvents. Slightly soluble in water.
Auto-ignition temperature	370°C
Viscosity	0.70 mPa s @ 20°C

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9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures. Stable when stored in a dry place.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products Heating may generate the following products: Carbon dioxide (CO₂). Carbon monoxide (CO).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects This product is toxic.

SECTION 12: Ecological Information

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Place waste in labelled, sealed containers. Waste is classified as hazardous waste.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1123

UN No. (IMDG) 1123

UN No. (ICAO) 1123

UN No. (ADN) 1123

14.2. UN proper shipping name

Proper shipping name (ADR/RID) BUTYL ACETATES

Proper shipping name (IMDG) BUTYL ACETATES

Proper shipping name (ICAO) BUTYL ACETATES

Proper shipping name (ADN) BUTYL ACETATES

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14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels



14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ADN packing group	II
ICAO packing group	II

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	2
Emergency Action Code	3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

SECTION 16: Other information

Issued by	C.Briggs HS&E Manager.
Revision date	11/11/2015
SDS number	4692
Signature	C.Briggs
Hazard statements in full	H226 Flammable liquid and vapour. H336 May cause drowsiness or dizziness.