

# N Butyl Acetate

Part No. RXSOL-19-1575-210 — Generated 29 Sep 2026

## 1. Product and Company Identification

Product Name RXSOL-19-1575-210

Product Type N Butyl Acetate

### Company Details:

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## 2. Composition / information on ingredients

| Chemical Name   | CAS Number | EC Number | Index number |
|-----------------|------------|-----------|--------------|
| n-butyl acetate | 123-86-4   | 204-658-1 | 607-025-00-1 |

## 3. Hazards Identification

Hazard description: Not applicable.

Information concerning particular hazards for human and environment:

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

R 10 Flammable.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.

## 4. First Aid Measures

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact Generally the product does not irritate the skin.

After eye contact Rinse opened eye for several minutes under running water.

After swallowing If symptoms persist consult doctor.

## 5. Fire-fighting Measures

Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Protective equipment: No special measures required.

## 6. Accidental Release Measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection: Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting: Dilute with plenty of water.

## 7. Handling and Storage

### Handling:

Information for safe handling: No special requirement

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

### Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly sealed.

## 8. Exposure controls and personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

### *Ingredients with limit values that require monitoring at the workplace:*

123-86-4 n-butyl acetate

|                     |                                                   |
|---------------------|---------------------------------------------------|
|                     | 710 mg/m <sup>3</sup> , 150 ppm                   |
| PEL (USA)           | Short-term value: 950 mg/m <sup>3</sup> , 200 ppm |
|                     | Long-term value: 710 mg/m <sup>3</sup> , 150 ppm  |
| REL (USA)           | Short-term value: 950 mg/m <sup>3</sup> , 200 ppm |
|                     | Long-term value: 713 mg/m <sup>3</sup> , 150 ppm  |
| TLV (USA)           | Short-term value: 966 mg/m <sup>3</sup> , 200 ppm |
| WEL (Great Britain) | Long-term value: 724 mg/m <sup>3</sup> , 150 ppm  |

**Additional information:** The lists valid during the making were used as basis.

**Personal protective equipment:**

**General protective and hygienic measures:** Wash hands before breaks and at the end of work.

**Respiratory protection:** Not required.

**Protection of hands:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Tightly sealed goggles

## 9. Physical and chemical properties

General Information

Form

Fluid

|                                                |                                                                                             |
|------------------------------------------------|---------------------------------------------------------------------------------------------|
| Colour                                         | Colourless                                                                                  |
| Odour                                          | Fruit-like                                                                                  |
| Change in condition                            |                                                                                             |
| Melting point/Melting range                    | -76°C                                                                                       |
| Boiling point/Boiling range                    | 124-128°C                                                                                   |
| Flash point                                    | 27°C                                                                                        |
| Ignition temperature                           | 370°C                                                                                       |
| Danger of explosion                            | Product is not explosive. However, formation of explosive air/vapour mixtures are possible. |
| <b>Explosion limits:</b>                       |                                                                                             |
| Lower                                          | 1.2 Vol %                                                                                   |
| Upper                                          | 7.5 Vol %                                                                                   |
| Vapour pressure at 20°C                        | 10.7 hPa                                                                                    |
| Density at 20°C                                | 0.88 g/cm <sup>3</sup>                                                                      |
| Solubility in / Miscibility with water at 20°C | 5 g/l                                                                                       |
| pH-value (5 g/l) at 20°C                       | 5                                                                                           |
| Viscosity:                                     |                                                                                             |
| Dynamic at 20°C                                | 0.7 mPas                                                                                    |

## 10. Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Dangerous reactions No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

## 11. Toxicological information

Acute toxicity:

**LD/LC50 values relevant for classification:**

|            |          |                      |
|------------|----------|----------------------|
| Oral       | LD50     | 13100 mg/kg (rat)    |
| Dermal     | LD50     | >5000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | >21.0 mg/l (rat)     |

Primary irritant effect:

on the skin No irritant effect.

on the eye Irritating effect.

Sensitization No sensitizing effects known.

## 12. Ecological information

**General notes:** Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13. Disposal considerations

**Product:**

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packaging:**

Recommendation: Disposal must be made according to official regulations.

## 14. Transport information

### Land transport ADR/RID (cross-border)

|                      |                      |
|----------------------|----------------------|
| ADR/RID class        | 3 Flammable liquids. |
| Danger code (Kemler) | 30                   |
| UN-Number            | 1123                 |
| Packaging group      | III                  |
| Hazard label         | 3                    |
| Description of goods | 1123 BUTYL ACETATES  |

### Maritime transport IMDG

|                      |                |
|----------------------|----------------|
| IMDG Class           | 3              |
| UN Number            | 1123           |
| Label                | 3              |
| Packaging group      | III            |
| EMS Number           | F-E,S-D        |
| Marine pollutant     | No             |
| Proper shipping name | BUTYL ACETATES |

### Air transport ICAO-TI and IATA-DGR

|                      |                |
|----------------------|----------------|
| ICAO/IATA Class      | 3              |
| UN/ID Number         | 1123           |
| Label                | 3              |
| Packaging group      | III            |
| Proper shipping name | BUTYL ACETATES |

## 15. Regulatory information

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

• **Risk phrases:**

10 Flammable.

66 Repeated exposure may cause skin dryness or cracking.

67 Vapours may cause drowsiness and dizziness.

• **Safety phrases:**

2 Keep out of the reach of children.

25 Avoid contact with eyes.

## 16. Other 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.

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