

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Thinner for Plastic**

Print date: 13.01.2017

Product code: 401

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Thinner for Plastic

CAS No: 123-86-4  
Index No: 607-025-00-1  
EC No: 204-658-1

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

Reserved for industrial and professional use.

**1.3. Details of the supplier of the safety data sheet**

Company name: ITW LLC & Co. KG  
Street: Mühlackerstrasse 149  
Place: D-75417 Mühlacker  
Telephone: ++49(0)7041-96340      **Telefax: ++49(0)7041-963429**  
e-mail: info@itwcp.de  
Internet: www.itwcp.de  
Responsible Department: Produktsicherheit

**1.4. Emergency telephone**

**number:** ++49(0)7041-96340  
Mo. - Do. 8.00 - 16.30 Fr. 8.00 - 14.00

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:  
Flammable liquid: Flam. Liq. 3  
Specific target organ toxicity - single exposure: STOT SE 3  
Hazard Statements:  
Flammable liquid and vapour.  
May cause drowsiness or dizziness.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

n-butyl acetate

**Signal word:** Warning**Pictograms:****Hazard statements**

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

**Precautionary statements**

P102 Keep out of reach of children.  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**SECTION 3: Composition/information on ingredients****3.1. Substances****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
123-86-4	n-butyl acetate			50-100 %
	204-658-1	607-025-00-1		
	Flam. Liq. 3, STOT SE 3; H226 H336 EUH066			

Full text of H and EUH statements: see section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Provide fresh air. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After contact with skin**

In case of skin irritation, consult a physician. After contact with skin, wash immediately with: Water. Change contaminated clothing.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

Call a physician immediately. Do NOT induce vomiting. If swallowed, immediately drink: Water.

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

No data available

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

No data available

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Foam. Extinguishing powder.

**Unsuitable extinguishing media**

Water with tenside additive. Water.

**5.2. Special hazards arising from the substance or mixture**

Vapours can travel considerable distances to a source of ignition where they can ignite, flash back, or explode. Combustible. Vapours may form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

**5.3. Advice for firefighters**

Move undamaged containers from immediate hazard area if it can be done safely. Wear a self-contained breathing apparatus and chemical protective clothing.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into

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surface water or drains.

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

Take precautionary measures against static discharge. Remove all sources of ignition. Provide adequate ventilation. Wear a self-contained breathing apparatus and chemical protective clothing.

##### 6.2. Environmental precautions

Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control. Do not allow to enter into surface water or drains. Explosion hazard.

##### 6.3. Methods and material for containment and cleaning up

Ventilate affected area.

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

###### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

###### Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges.

##### 7.2. Conditions for safe storage, including any incompatibilities

###### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Protect against direct sunlight. Keep away from sources of ignition. - No smoking.

###### Advice on storage compatibility

Do not store together with: Material, rich in oxygen, oxidizing.

#### SECTION 8: Exposure controls/personal protection

##### 8.1. Control parameters

###### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
123-86-4	Butyl acetate	150	724		TWA (8 h)	WEL
		200	966		STEL (15 min)	WEL

##### 8.2. Exposure controls



###### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

###### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

###### Eye/face protection

Tightly sealed safety glasses.

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**Hand protection**

DIN EN 374 Tested protective gloves are to be worn: Butyl rubber. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**

Protective clothing:

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls**

Do not empty into drains.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless
Odour:	characteristic

pH-Value (at 20 °C):	ca.6
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**Changes in the physical state**

Melting point:	-76 °C
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Initial boiling point and boiling range:	> 124 °C
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Flash point:	27 °C
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Lower explosion limits:	3,0 vol. %
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Upper explosion limits:	10,4 vol. %
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Ignition temperature:	370 °C
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Vapour pressure: (at 20 °C)	13 hPa
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Density:	0,88 g/cm <sup>3</sup>
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Water solubility:	5 g/L
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Solvent content:	100% VOC-EU
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**Test method****SECTION 10: Stability and reactivity****10.1. Reactivity**

No data available

**10.2. Chemical stability**

No data available

**10.3. Possibility of hazardous reactions**

No data available

**10.4. Conditions to avoid**

Keep away from heat. Ignition hazard.

**10.5. Incompatible materials**

No data available

**10.6. Hazardous decomposition products**

No data available

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**SECTION 11: Toxicological information****11.1. Information on toxicological effects****SECTION 12: Ecological information****SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste disposal number of waste from residues/unused products**

200113 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); solvents  
Classified as hazardous waste.

**Waste disposal number of contaminated packaging**

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)**

**14.1. UN number:** UN1123  
**14.2. UN proper shipping name:** BUTYL ACETATES  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Classification code: F1  
Limited quantity: 5 L  
Transport category: 3  
Hazard No: 30  
Tunnel restriction code: D/E

**Other applicable information (land transport)**

E1

**Inland waterways transport (ADN)**

**14.1. UN number:** UN1123  
**14.2. UN proper shipping name:** BUTYL ACETATES  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



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Classification code: F1  
Limited quantity: 5 L

**Other applicable information (inland waterways transport)**

E1

**Marine transport (IMDG)**

**14.1. UN number:** UN1123  
**14.2. UN proper shipping name:** BUTYL ACETATES  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Special Provisions: 223  
Limited quantity: 5 L  
EmS: F-E, S-D

**Other applicable information (marine transport)**

E1

**Air transport (ICAO)**

**14.1. UN number:** UN1123  
**14.2. UN proper shipping name:** BUTYL ACETATES  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Special Provisions: A3  
Limited quantity Passenger: 10 L  
IATA-packing instructions - Passenger: 355  
IATA-max. quantity - Passenger: 60 L  
IATA-packing instructions - Cargo: 366  
IATA-max. quantity - Cargo: 220 L

**Other applicable information (air transport)**

E1

: Y344

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2004/42/EC (VOC): 100% VOC-EU, 880g/l

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating



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#### SECTION 16: Other information

##### Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.