

* Detasolv

Date revised: 27.09.2021

8450007111

Version: 8 / GB

Master No. MA-231

Date of printing: 18.10.2021

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

1.1. Product identifier

Trade name

Detasolv

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

Use of the substance/mixture

spotting agent

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

BÜFA Reinigungssysteme
GmbH & Co. KG August-Hanken-Str. 30
August-Hanken-Str. 30
26125 Oldenburg
Telephone no. +49 441 9317 0
Fax no. +49 441 9317 100
Information provided by / telephone Department product safety / +49 441 9317 108
E-Mail produktsicherheit-rs@buefa.de

1.4. Emergency telephone number

Giftzentrale Goettingen: +49 551 19240

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 3	H226
Eye Irrit. 2	H319
STOT SE 3	H335
STOT SE 3	H336

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*
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The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008**Hazard pictograms *******Signal word *****

Warning

Hazard statements ***

H226 Flammable liquid and vapour.

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H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.

Precautionary statements ***

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280.2 Wear protective gloves/eye/face protection.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains *** n-Butyl acetate;4-Methylpentan-2-one

Supplemental information ***

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

The product does not contain PBT/vPvB-substances

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous ingredients****n-Butyl acetate**

CAS No. 123-86-4
 EINECS no. 204-658-1
 Registration no. 01-2119485493-29-XXXX
 Concentration >= 50 %
 Flam. Liq. 3 H226
 STOT SE 3 H336

4-Methylpentan-2-one

CAS No. 108-10-1
 EINECS no. 203-550-1
 Registration no. 01-2119453616-35-XXXX
 Concentration >= 20 < 25 %
 Flam. Liq. 2 H225
 Acute Tox. 4 H332
 Eye Irrit. 2 H319
 STOT SE 3 H335

Cyclohexanone

CAS No. 108-94-1
 EINECS no. 203-631-1
 Registration no. 01-2119453616-35-XXXX
 Concentration >= 10 < 25 %
 Flam. Liq. 3 H226
 Acute Tox. 4 H332

For explanation of abbreviations see section 16.

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

Ensure supply of fresh air. In the event of symptoms take medical treatment.

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After skin contact

Wash off immediately with soap and water.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Seek medical advice immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately.

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

There is no further relevant information available

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

There is no further relevant information available

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

Carbon dioxide, Dry powder, Water spray jet

5.2. Special hazards arising from the substance or mixture

If a fire breaks out nearby, pressure build-up and danger of bursting are possible.

5.3. Advice for firefighters

Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

High risk of slipping due to leakage/spillage of product. Use personal protective clothing. Keep away sources of ignition.

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Observe the usual precautions for handling chemicals. Provide good ventilation of working area (local exhaust ventilation if necessary).

Keep away from sources of ignition - No smoking. Take action to prevent static discharges. Vapours can form an explosive mixture with air.

7.2. Conditions for safe storage, including any incompatibilities

Emptied containers may contain product residues and therefore must be handled with care. Reuse only after appropriate cleaning. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Protect from heat and direct sunlight.

7.3. Specific end use(s)

No information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

n-Butyl acetate

List	EH40			
Type	WEL			
Value	724	mg/m ³	150	ppm(V)
Short term exposure limit	966	mg/m ³	200	ppm(V)
Maximum limit value; Skin resorption / sensibilisation: Pregnancy group: Status: 2011				

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary.

Hand protection

Chemical resistant gloves			
Appropriate Material	nitrile		
Breakthrough time	480	min	

Eye protection

Tightly fitting safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	liquid		
Colour	colourless, clear		
Odour	Product specific		
pH value			
Remarks	Not applicable		
Flash point			
Value	appr. 31		°C
Density			
Value	appr. 0,87		kg/l
Solubility in water			
Remarks	immiscible		

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

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10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

ATE > 10.000 mg/kg
 Method calculated value (Regulation (EC) No. 1272/2008)
 Based on available data, the classification criteria are not met.

Acute oral toxicity (Components)**Cyclohexanone**

Species rat
 LD50 appr. 1620 mg/kg

Acute dermal toxicity

ATE > 10.000 mg/kg
 Method calculated value (Regulation (EC) No. 1272/2008)
 Based on available data, the classification criteria are not met.

Acute dermal toxicity (Components)**Cyclohexanone**

Species rabbit
 LD50 appr. 1977 mg/kg

Acute inhalational toxicity

ATE 29,15 mg/l
 Administration/Form Vapors
 Method calculated value (Regulation (EC) No. 1272/2008)
 Based on available data, the classification criteria are not met.

Acute inhalative toxicity (Components)**Cyclohexanone**

Species rat
 LC50 appr. 6,2 mg/l
 Duration of exposure 4 h
 Administration/Form Vapors

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

evaluation irritant
 The classification criteria are met.

Sensitization

Based on available data, the classification criteria are not met.

Sensitization (Components)

Based on available data, the classification criteria are not met.

Mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

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Specific Target Organ Toxicity (STOT)**Single exposure**

The classification criteria are met.

evaluation

May cause respiratory irritation.

evaluation

May cause drowsiness or dizziness.

Repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

For this subsection there is no ecotoxicological data available on the product as such.

Daphnia toxicity

For this subsection there is no ecotoxicological data available on the product as such.

Algae toxicity

For this subsection there is no ecotoxicological data available on the product as such.

Bacteria toxicity

For this subsection there is no ecotoxicological data available on the product as such.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential**

The product does not contain PBT/vPvB-substances

12.6. Other adverse effects

For this subsection there is no ecotoxicological data available on the product as such.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	
Tunnel restriction code	D/E		
14.1. UN number	1993	1993	
14.2. UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (n-Butyl acetate, 4-Methylpentan-2-one)	FLAMMABLE LIQUID, N.O.S. (n-Butyl acetate, 4-Methylpentan-2-one)	
14.3. Transport hazard class(es)	3	3	
Label			
14.4. Packing group	III	III	
	640E		Special provision
Limited Quantity	5 l		
Transport category	3		

SECTION 15: Regulatory information

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

VOC

VOC (EU) 100 %

Ingredients (Regulation (EC) No 648/2004)

30 % and more:

aliphatic hydrocarbons

Other information

The product does not contain substances of very high concern (SVHC).

The HSNO Approval Number for this Group Standard is HSR002528.

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: Other information

Hazard statements listed in Chapter 3

H225 Highly flammable liquid and vapour.
 H226 Flammable liquid and vapour.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.

Abbreviations

PBT: Persistent, Bioaccumulative and Toxic

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vPvB: Very persistent and very bioaccumulative

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 2	Flammable liquid, Category 2
Flam. Liq. 3	Flammable liquid, Category 3
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.