

* Detasolv

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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

BÜFA Reinigungssysteme

GmbH & Co. KG

August-Hanken-Str. 30

26125 Oldenburg

Telephone no. +49 441 9317 0

Fax no. +49 441 9317 100

Information provided Department product safety / +49 441 9317 108

by / telephone

E-mail address: produktsicherheit-rs@buefa.de

1.4. Emergency telephone number

Giftzentrale Göttingen: +49 551 19 240

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

Flam. Liq. 3 H226

STOT SE 3 H336

Asp. Tox. 1 H304

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

Danger

Hazard statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

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.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.

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.

P331 Do NOT induce vomiting.

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Supplemental information

EUH066

Repeated exposure may cause skin dryness or cracking.

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

contains

n-Butyl acetate;Alkanes, C11-15-iso-

2.3. Other hazards

The product does not contain PBT/vPvB-substances

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous ingredients****Alkanes, C11-15-iso-**

CAS No. 90622-58-5

EINECS no.

292-460-6

Concentration >= 50 %

Asp. Tox. 1

H304

n-Butyl acetate

CAS No. 123-86-4

EINECS no.

204-658-1

Registration no. 01-2119485493-29-XXXX

Concentration >= 25 % < 50 %

Flam. Liq. 3

H226

STOT SE 3

H336

Benzyl alcohol

CAS No. 100-51-6

EINECS no.

202-859-9

Registration no. 01-2119492630-38-XXXX

Concentration >= 10 % < 25 %

Acute Tox. 4

H332

Acute Tox. 4

H302

2-Phenoxyethanol

CAS No. 122-99-6

EINECS no.

204-589-7

Registration no. 01-2119488943-21-XXXX

Concentration >= 1 % < 10 %

Acute Tox. 4

H302

Eye Irrit. 2

H319

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.

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

Do not induce vomiting - aspiration hazard. Summon a doctor immediately.

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

The following symptoms may occur: Dizziness, Headache

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

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

If swallowed, in the event of vomiting, risk of product entering the lungs.

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

Carbon dioxide, Dry powder, Water spray jet

Non suitable extinguishing media

Full water 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 from 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). Dispose of absorbed material in accordance with the regulations.

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). Take precautionary measures against static discharge.

Keep away from sources of ignition - No smoking. Vapours can form an explosive mixture with air.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original packaging, tightly closed.

Protect from heat and direct sunlight. Keep container in a well-ventilated place.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

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Short term: filter apparatus, Filter A

Hand protection

Chemical resistant gloves

Appropriate Material

nitrile

Breakthrough time

480

min

Eye protection

Tightly fitting safety glasses

Body protection

Impermeable protective clothing

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

liquid

Colour

colourless

Odour

ester-like

pH value

Remarks

Not applicable

Flash point

Value

>=

38

°C

Explosion limits

Lower explosion limit

0,7

to

9,0

%(V)

Density

Value

0,810

to

0,850

kg/l

Solubility in water

Remarks

immiscible

Viscosity

Value

appr. 10

s

Method

DIN 53211 4 mm

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

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

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

3.850

mg/kg

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Method calculated value (Regulation (EC) No. 1272/2008)

Acute oral toxicity

No toxicological data are available.

Acute dermal toxicity

No toxicological data are available.

Acute inhalational toxicity

ATE 15 mg/l

Administration/Form Dust/Mist

Method calculated value (Regulation (EC) No. 1272/2008)

ATE > 100 mg/l

Administration/Form Vapors

Method calculated value (Regulation (EC) No. 1272/2008)

Acute inhalational toxicity

No toxicological data are available.

Skin corrosion/irritation

Repeated and prolonged skin contact may lead to defatting and irritation of the skin.

Serious eye damage/irritation

Eye contact with the product may lead to irritation.

Sensitization

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.

Specific Target Organ Toxicity (STOT)

evaluation May cause drowsiness or dizziness.

Aspiration hazard

Harmful: may cause lung damage if swallowed.

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

No toxicological data are available.

Daphnia toxicity

No toxicological data are available.

Algae toxicity

No toxicological data are available.

Bacteria toxicity

No toxicological data are available.

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.Do not discharge product unmonitored into the environment.

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.

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12.5. Results of PBT and vPvB assessment

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**Land transport ADR/RID****14.1. UN number**

UN 1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (n-Butyl acetate)

14.3. Transport hazard class(es)

Class 3

14.4. Packing group

Packing group	III
Special provision	640E
Tunnel restriction code	D/E

Marine transport IMDG/GGVSee**14.1. UN number**

UN 1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (n-Butyl acetate)

14.3. Transport hazard class(es)

Class 3

14.4. Packing group

Packing group	III
EmS	F-E, S-E

SECTION 15: Regulatory information**Ingredients (Regulation (EC) No 648/2004)****30 % and more:**

aliphatic hydrocarbons

Further ingredients

Benzyl alcohol

VOC

VOC (EU) 80 %

Other information

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

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

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H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Eye irritation, Category 2
Flam. Liq. 3	Flammable liquid, Category 3
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very persistent and very bioaccumulative

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.