



Safety data sheet

1. Substance/preparation and company identification

Trade name:

Tauchmittel C

Application of the substance/ the preparation:

Solvent, no particular application

BEIL

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2. Hazard identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi Irritant

F Highly flammable

- Information concerning particular hazards for human and environment:

R 11 Highly flammable.

R 36 Irritating to eyes.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.

- Label elements

- Labelling according to Regulation (EC) No 1272/2008



The substance is classified and labelled according to the CLP regulation.

- **Hazard pictograms**



GHS02



GHS07

- **Signal word** Danger

- **Hazard statements**

H225 Highly flammable liquid and vapour.

H319+EUH066 Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking.

H336 May cause drowsiness or dizziness.

- **Precautionary statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P243 Take precautionary measures against static discharge.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P235 Store in a well-ventilated place. Keep cool.

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

3. Composition/information on ingredients

- **Chemical characterization: Substances**

- **CAS No. Designation**

141-78-6 ethyl acetate

- **Identification number(s)**

- **EC number:** 205-500-4

- **Index number:** 607-022-00-5

4. First-aid measures

- **Description of first aid measures**

- **After inhaling** Supply fresh air; consult doctor in case of symptoms.

- **After skin contact**

Wash off thoroughly with plenty of water.

Remove any soiled or saturated clothing.

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

- **After swallowing** In case of persistent symptoms consult doctor.

- **Information for doctor**

- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5. Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents**

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

Avoid any flammable liquids.

- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

- **Special hazards arising from the substance or mixture** No further relevant information available.

- **Advice for firefighters**



- **Protective equipment:** No special measures required.

6. Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Wear protective clothing. Keep unprotected people away.

Ensure adequate ventilation.

- **Environmental precautions:**

Prevent material from reaching sewage system, holes and cellars.

Inform respective authorities in case product reaches water or sewage system.

- **Methods and material for containment and cleaning up:** Ensure adequate ventilation.

- **Reference to other sections**

See Section 8 for information on personal protection equipment.

7. Handling and storage

- **Handling**

- **Precautions for safe handling**

Keep containers tightly sealed.

Store in cool, dry conditions in well sealed containers.

Ensure good ventilation/suction at the workplace.

Prevent formation of aerosols.

- **Information about protection against explosions and fires:**

Keep away from ignition sources - do not smoke.

Initiate measures against electrostatic charging. Keep away from all ignition sources. Do not smoke.

- **Conditions for safe storage, including any incompatibilities**

- **Storage**

- **Requirements to be met by storerooms and containers:** Store in cool location.

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

- **Further information about storage conditions:** None.

- **Specific end use(s)** No further relevant information available.

8. Exposure controls and personal protection

- **Control parameters**

- **Components with critical values that require monitoring at the workplace:**

141-78-6 ethyl acetate

OES Short-term value: 400 ppm

Long-term value: 200 ppm

Rev

- **DNELs** No data available

- **PNECs** No data available

- **Exposure controls**

- **Personal protective equipment**

- **General protective and hygienic measures** Wash hands during breaks and at the end of the work.

- **Breathing equipment:**

In case of brief exposure or low pollution use breathing filter apparatus. For intensive or longer exposure use breathing apparatus that is independent of circulating air.

Gas filter type A

- **Protection of hands:** Solvent-resistant gloves

- **Material of gloves**

Butyl rubber, BR

Recommended thickness of the material: 0.5 mm

- **Penetration time of glove material** Please refer to the manufacturer's instructions regarding penetration time.

- **Eye protection:** Tightly sealed protective goggles.

- **Body protection:** Protective work clothing.

9. Physical and chemical properties

- **Information on basic physical and chemical properties**

**- General Information****- Appearance:**

Form: Fluid
Colour: Colourless

- Smell: Fruit-like

- Melting point/Melting range: -83.57°C

- Boiling point/Boiling range: 76 - 78°C

- Flash point: -1°C

- Ignition temperature: 460°C

- Danger of explosion: Product is not explosive. However, formation of explosive air/steam mixtures is possible.

- Critical values for explosion:

Lower: 2.1 Vol % (= 75 g/m³)

Upper: 11.5 Vol % (= 420 g/m³)

- Steam pressure at 20°C: 100 mbar

- Density at 20°C 0.9 g/cm³

**- Solubility in / Miscibility with
Water at 20°C:** 79 g/l

**- Viscosity:
dynamic at 20°C:** 0.44 mPas

- Other information The physical properties given are standard values. For exact data please refer to the product specification.

10. Stability and reactivity**- Reactivity****- Chemical stability**

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

- Conditions to avoid Avoid heat, sparks, open flames and other ignition sources.

- Incompatible materials: No further relevant information available.

11. Toxicological information**- Information on toxicological effects****- Acute toxicity:****- LD/LC50 values that are relevant for classification:****141-78-6 ethyl acetate**

Oral LD50 4935 mg/kg (rbt)

Inhalative LC50/4 h 1600 mg/l (rat)

- Primary irritant effect:

Frequent contact with the product can de-grease the skin.

Eye irritant.

- on the skin:

Frequent or repeated use can degrease and dry out the skin, which can cause skin problems and inflammation (dermatitis).

- Sensitization: No sensitizing effect known.

- Other information (about experimental toxicology):

Breathing concentrated fumes can lead to conditions similar to being under anaesthetic and to headaches, dizziness, etc.

12. Ecological information**- Toxicity****- Aquatic toxicity:****141-78-6 ethyl acetate**

EC0 >1000 mg/l (bacteria)

LC0 100-1000 mg/l (fis)

- Persistence and degradability biodegradable

- Behaviour in environmental compartments:



- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (Assessment by list): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

13. Disposal considerations

- **Waste treatment methods**

- **Recommendation**

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

Must be specially treated under adherence to official regulations.

- **Waste disposal key number:**

The waste disposal key numbers are organized according to branch and process classification in the European waste catalogue.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

14. Transport information

- **UN-Number**

- **ADR, IMDG, IATA** 1173

- **UN proper shipping name**

- **ADR** 1173 ETHYL ACETATE

- **IMDG, IATA** ETHYL ACETATE

- **Transport hazard class(es)**

- **ADR**

- **Class** 3 (F1) Flammable liquids.

- **Label** 3

- **IMDG, IATA**

- **Class** 3 Flammable liquids.

- **Label** 3

- **Packing group**

- **ADR, IMDG, IATA** II

- **Special precautions for user** Warning: Flammable liquids.

- **Kemler Number:** 33

- **EMS Number:** F-E,S-D

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

- **Transport/Additional information:**

- **ADR**

- **Tunnel restriction code** D/E

- **Classification code**

- **UN "Model Regulation":** UN1173, ETHYL ACETATE, 3, II

15. Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **National regulations**

- **Information about limitation of use:**

legal protection of working mothers and concerning young persons must be observed.

- **Technical instructions (air):**

Class	Share in %
NK	100.0



- **Water hazard class:** Water hazard class 1 (Assessment by list): slightly hazardous for water.
 - **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.
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16. Other information

These data based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:** Quality protection department.
- **Contact:** see Point I.