



SECTION I – PRODUCT AND COMPANY IDENTIFICATION

- ## SECTION II – HAZARD IDENTIFICATION

- ## SECTION III – COMPONENT INFORMATION

- EINECS: 202-851-5 Warning: 2.6/3; 3.1.1/4, 3.2/2, 3.3/2

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

SECTION IV – FIRST AID INFORMATION

- **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.

SECTION V – FIRE AND EXPLOSION INFORMATION

- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** No special measures required.

SECTION VI – 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:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Do not flush with water or aqueous cleansing agents

SECTION VII – HANDLING AND STORAGE INFORMATION

- **Handling:**
- **Information for safe handling:** *
- **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.

SECTION VIII – EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

- **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

WEL Short-term value: 966 mg/m³, 200 ppm

Long-term value: 724 mg/m³, 150 ppm

1330-20-7 xylene

WEL Short-term value: 441 mg/m³, 100 ppm

Long-term value: 220 mg/m³, 50 ppm

Sk; BMGV

- **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. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

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



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SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

· General Information

Form: Fluid

Colour: According to product specification

Odour: Characteristic

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 145°C

· **Flash point:** 31°C

· **Ignition temperature:** 480°C

· **Self-igniting:** Product is not self-igniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· Explosion limits:

Lower: 1.2 Vol %

Upper: 8.5 Vol %

· **Vapor pressure at 20°C:** 6 hPa

· **Density:** 1.75-1.85 g/cm³

· **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

· Solvent content:

Organic solvents: 25.0 %

VOC (EC) 25.00 %

Solids content: 75.0 %

SECTION X – STABILITY AND REACTIVITY INFORMATION

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

· Materials to be avoided:

· **Dangerous reactions** No dangerous reactions known.

· **Dangerous decomposition products:** No dangerous decomposition products known.

SECTION XI – TOXICOLOGICAL INFORMATION

· Acute toxicity:

· LD/LC50 values relevant for classification:

1330-20-7 xylene

Oral LD50 4300 mg/kg (rat)

Dermal LD50 2000 mg/kg (rabbit)

· Primary irritant effect:

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** No sensitizing effects known.

SECTION XII – ECOLOGICAL INFORMATION

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

SECTION XIII – DISPOSAL INFORMATION

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.

SECTION XIV – TRANSPORTATION INFORMATION

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

- **ADR/RID class:** 3 Flammable liquids.

- **Danger code (Kemler):** 30

- **UN-Number:** 1993

- **Packaging group:** III

- **Hazard label:** 3

- **Description of goods:** 1993 FLAMMABLE LIQUID, N.O.S. (BUTYL ACETATES, XYLENES)

- **Tunnel restriction code** D/E

- **Maritime transport IMDG:**

- **IMDG Class:** 3

- **UN Number:** 1993

- **Label** 3

- **Packaging group:** III

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

- **Marine pollutant:** No

- **Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (BUTYL ACETATES, XYLENES)

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** 3

- **UN/ID Number:** 1993

- **Label** 3

- **Packaging group:** III

- **Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (BUTYL ACETATES, XYLENES)

- **UN "Model Regulation":** UN1993, FLAMMABLE LIQUID, N.O.S., 3, III



SECTION XV –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.

67 Vapors may cause drowsiness and dizziness.

· Safety phrases:

2 Keep out of the reach of children.

25 Avoid contact with eyes.

46 If swallowed, seek medical advice immediately and show this container or label.

56 Dispose of this material and its container to hazardous or special waste collection point.

SECTION XVI – OTHER INFORMATION

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