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# Solvents

(Lösungsmittel)

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Product Information

Art.No. 446 - 448

Art.No. 450 - 452

Art.No. 460 - 462

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## ALCOHOL

(ALKOHOL)

- **GENERAL**

KREIDEZEIT Alcohol (ethyl alcohol) is a fermentation alcohol. It is made by fermenting starchy plant biomass by certain yeasts (similar to the production of wine or beer) and the following distillation. Because of the taxes on spirits for human consumption, the alcohol for technical applications is denaturated with nontoxic substances, that make it unswallowable resp. lead to immediate vomiting. Kreidezeit Alcohol is denaturated with Methyl ethyl ketone, MEK.

- **APPLICATION**

For thinning down alcohol-solved KREIDEZEIT products, like Shellac Shielding Primer, and for cleaning of tools used with these products.

For removing spots and degreasing surfaces.

To dissolve alcohol-solved natural resins, e.g. Shellac and Copals.

- **INGREDIENTS (FULL DECLARATION)**

Ethyl alcohol (99.8%), Methyl ethyl ketone

- **PACKAGE SIZES**

Art. 4600,5 l

Art. 461 l

Art. 4625 l

Refer to the valid pricelist for product prices.

- **STORAGE**

Can be kept unopened for approx. 2 years.

Seal used containers airtight.

- **DISPOSAL OF RESIDUES**

Do not dispose of residues into the sewage system.

Keep product remainders sealed airtight and use up later.

Disposal of empty containers through resource collection points.

Adhere to legal regulations for disposal of resin- and paint remainders.

- **HAZARD CLASSIFICATION**

F -highly flammable

- **SAFETY ADVICE / NOTES**

Highly flammable. Keep out of the reach of children. Keep container tightly closed. Keep away from sources of ignition - No smoking.

**Keep out of reach of children.**

Consider possible allergies to natural substances.

## ORANGE PEEL OIL

(ORANGENSCHALENÖL)

- **GENERAL**

Orange peel oil is an essential oil made by pressing out and distilling orange peels. Orange peels contain approx. 0.3 – 0.5% oil. This essential oil is used in the fabrication of natural paints as a solvent for resins and oils and as a flavouring substance in the food- and cosmetics industry.

- **APPLICATION**

Orange peel oil is used for thinning down oily Kreidezeit wood lazures, hard oils, resins, waxes and natural oils like linseed oil varnish, linseed oil and wood hard oil. For cleaning of tools used with these products. For removing spots and degreasing surfaces. To dissolve turpentine-soluble natural resins such as Colophonium and Dammar.

- **INGREDIENTS (FULL DECLARATION)**

Orange peel oil

- **PACKAGE SIZES**

Art. 4500,5 l

Art. 451 l

Art. 4525 l

Refer to the valid pricelist for product prices.

- **STORAGE**

Can be kept unopened for approx. 2 years.

Seal used containers airtight.

- **DISPOSAL OF RESIDUES**

Do not dispose of residues into the sewage system.

Keep product remainders sealed airtight and use up later.

Disposal of empty containers through resource collection points. Adhere to legal regulations for disposal of resin- and paint remainders.

- **HAZARD CLASSIFICATION**

Xn - harmful

N - dangerous for the environment

- **SAFETY ADVICE / NOTES**

Flammable. Harmful by inhalation. Harmful in contact with skin. Harmful if swallowed. Irritating to eyes. Irritating to skin. Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Keep out of the reach of children.

Wear suitable protective clothing and gloves. Avoid release to the environment. Refer to special instructions/safety data sheet. If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Consider possible allergies to natural substances.



## BALSAMIC TURPENTINE (- DOUBLE RECTIFIED - DAB 9) (BALSAMTERPENTINÖL)

### • GENERAL

Balsamic Turpentine is extracted from the resinous gum of pine trees by steam distillation. The resinous gum of pine trees normally consists of approx. 70% Colophonium and 30% turpentine oil.

The pine forests on earth release annually several million tons of turpentine oil into the atmosphere.

The earth is used to it and can handle this without damage to the ozone layer. Gum Turpentine is the most ecological form of turpentine oil.

Turpentine oil is a colourless, thin fluid with a characteristic strong, fresh scent and a bitter-hot taste. The annual amount produced is approx. 300 000 tons. Turpentine oil is the most important essential oil on a quantity basis.

Main producers are the USA, with about 50% of the world-wide output. Furthermore the countries of the former USSR, Scandinavia, China, Portugal and Spain.

Turpentine oil is made from the wood of different pine species.

### • APPLICATION

For thinning down oily Kreidezeit wood lazures, hard oils, resins, waxes and natural oils like linseed oil varnish, linseed oil and wood hard oil. For cleaning of tools used with these products. For removing spots and degreasing surfaces. To dissolve turpentine-solvent natural resins like Colophonium, Dammar.

### • INGREDIENTS (FULL DECLARATION)

Double rectified Portuguese Gum Turpentine, DAB 9

### • TOXICOLOGY:

Turpentine oil is an essential oil with an MAC value (Maximum Allowable Concentration) of 100ml/m<sup>3</sup>. Danger of allergisation. Turpentine oil is irritating to the skin, narcotizing and irritating to the kidneys. The so-called turpentine oil allergy is associated with the content of delta-3-Caren, which is imputed to have an eczema triggering effect.

All Kreidezeit products are diluted with double rectified gum turpentine, which under-runs the requirements of the DAB 9 (German book of pharmaceuticals) regarding the admissible content of Caren.

Requirement DAB 9: max. 0.5% delta-3-Caren

Kreidezeit Balsamic Turpentine: 5 - 50ppm

### • PACKAGE SIZES

Art. 446 0,5 l

Art. 447 1 l

Art. 448 5 l

Refer to the valid pricelist for product prices.

### • STORAGE

Can be kept unopened for approx. 2 years.

Seal used containers airtight.

### • DISPOSAL OF RESIDUES

Do not dispose of residues into the sewage system.

Keep product remainders sealed airtight and use up later.

Disposal of empty containers through resource collection points.

Adhere to legal regulations for disposal of resin- and paint remainders.

### • HAZARD CLASSIFICATION

Xn - harmful

N - dangerous for the environment

### • SAFETY ADVICE / NOTES

Flammable. Harmful by inhalation. Harmful in contact with skin. Harmful if swallowed. Irritating to eyes. Irritating to skin.

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Keep out of the reach of children.

Wear suitable protective clothing and gloves. Avoid release to the environment. Refer to special instructions/safety data sheet. If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label. Consider possible allergies against natural materials.

*The above information has been compiled in accordance with the best of our experience and knowledge. Owing to the application methods and environmental influences, as well as the various surface properties, no liabilities or legalities pertaining to the individual recommendations can be entered. Prior to application, the suitability of the product is to be tested (trial coat). The validity of the text ceases with revisions or product modifications.*

*You will find the latest product information at >> [www.kreidezeit.de](http://www.kreidezeit.de) << or directly at Kreidezeit.*

(04/02/2008)

