

Revised edition: 15.02.2011

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Name: Venetian Turpentine, mixture
Article No.: 62010
Use of the Substance/Preparation: Artists' and Restoration Material

Details of the Supplier of the Safety Data Sheet

Company: Kremer Pigmente GmbH & Co. KG
Address: Hauptstrasse 41-47, D 88317 Aichstetten
Tel/Fax: Tel +49 7565 91120, Fax +49 7565 1606
Internet: www.kremer-pigmente.de, kremer-pigmente@t-online.de
Emergency No.: +49 7565 91120, Mon-Fri 8:00 - 17:00

2. Hazard Identification

Classification according to EC Regulation No. 67/548 or No.1999/45

Hazard designation:



Xi Irritating



N Hazardous to the environment

Risk Phrases:

R53 May cause long-term adverse effects in the aquatic environment.
R51 Toxic to aquatic organisms.
R43 May cause sensitization by skin contact.
R38 Irritating to skin.
R37 Irritating to respiratory system.
R36 Irritating to eyes.

Safety Phrases:

S60 This material and its container must be disposed of as hazardous waste.
S36 Wear suitable protective clothing.
S24 Avoid contact with skin.
S61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

3. Composition/Information on Ingredients

Chemical Characterization: Abietic acid, β -pinen, camphen, limonenes, contains no solvent.
Hazardous Ingredients: Abietic acid (Xi; R36/37/38) 30-40 %
CAS-Nr: 514-10-3 EINECS-Nr: EC-Nr:
alpha-Pinene (Xi,N; R43-50/53) 10-20 %
CAS-Nr: 80-56-8 EINECS-Nr: EC-Nr:
beta-Pinene (Xi,N; R43-50/53) 1.5-4 %
CAS-Nr: 127-91-3 EINECS-Nr: EC-Nr:
Limonene (Xi,N; R43-50/53) max. 0.8 %
CAS-Nr: 7705-14-8 EINECS-Nr: EC-Nr:

4. First Aid Measures

Description of the First Aid Measures

After inhalation:	Supply fresh air.
After skin contact:	Remove contaminated clothing immediately. Wash off immediately with plenty of water and soap.
After eye contact:	Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.
After ingestion:	Rinse mouth with plenty of water and consult physician.
General information:	Take person away from hazardous area.

Most Important Symptoms and Effects, both Acute and Delayed

Possible symptoms:	None known
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Indication of any Immediate Medical Attention and Special Treatment needed

Information for physician:	Treat symptomatically.
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5. Fire-Fighting Measures

Extinguishing Media

Suitable extinguishing media:	Foam, CO ₂ , dry extinguishing powder.
Unsuitable extinguishing media:	Water with full jet.

Special Hazards arising from the Substance or Mixture

Special hazards:	In case of fire: formation of carbon monoxide and dioxide. Do not inhale fumes.
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Advice for Firefighters

Protective equipment:	Wear self-contained respiratory protective device.
Further information:	Remove container from danger zone.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:	Avoid contact with eyes and skin. Keep away from sources of ignition. No smoking. Wear appropriate protective equipment. Keep spectators away.
Environmental precautions:	Do not discharge into drains, surface or ground water in concentrated form.
Methods and material for containment and cleaning up:	Contain with absorbent material (sand, diatomaceous earth, universal absorbent, Oil Dri) and dispose accordingly.
Reference to other sections:	Information on safety measures, see para.7. Protective clothing, see para. 8.

7. Handling and Storage

Precautions for Safe Handling

Instructions on safe handling:	Provide adequate ventilation. Do not eat or drink during work. Do not smoke. Wear adequate protective clothing (see para. 8). Wash hands with soap and water.
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Conditions for Safe Storage, including any Incompatibilities

Storage conditions: Store in a cool and dry place.
Store product in a well ventilated area.
Keep away from ignitable sources and fire.

8. Exposure Controls/Personal Protection

Technical protective measures: No further measures, see Section 7.

Personal Protective Equipment

General protective measures: The usual precautionary measures are to be adhered to when handling chemicals.

Hand protection: Chemical protective gloves (EN 374).

Eye protection: Safety glasses with protective shields (EN 166).

9. Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Form: viscous at 20°C
Color: yellow
Odor: resin-like
Odor threshold: No information available.
Melting temperature: not applicable
Boiling temperature: not available
Flash point: > 70°C
Explosion risk: not available
Density: 1.020 - 1.040 g/cm³
Solubility in water: insoluble
Solubility in solvents: ethanol
pH-Value: neutral
Viscosity dynamic: not available
Oxidizing properties: No information available.
Coefficient of variation (n-Octanol/Water): no information available

Other Information

Saponification value: 120-150
Acid value: 115-140
Oil content: 15-30 %

10. Stability and Reactivity

Reactivity: No information available.
Chemical stability: Stable if used according to specifications.
Hazardous reactions: None if handled and stored according to specifications.
Conditions to avoid: No information available.
Incompatible materials: None known.
Hazardous decomposition products: None known.

11. Toxicological Information

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Acute Toxicity

LD50, oral: > 5000 mg/kg
LD50, dermal: > 5000 mg/kg
Reproductive toxicity: No information available.
Cancerogenity: No data available.
Specific target organ toxicity (STOT): No data available.

12. Ecological Information

Persistency and Degradability: No information available.
Bioaccumulation: Bioaccumulation is not to be expected.
Mobility: No information available.

Ecological effects

Aquatic toxicity: No information available.
Further ecological effects: Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.
Disposal according to local regulations.
Results of PBT and vPvB assessment: No data available.

Further information

Water hazard class: 2

13. Disposal Considerations

Waste Treatment Methods

Product: Dispose of according to official national and local regulations.
Uncleaned packaging: Uncontaminated packaging may be recycled.

14. Transport Information

Road Transportation ADR/RID

Class: 9
Packaging group: III
UN No.: 3082
Classification code: M6
Tunnel No.: E
Hazard No.: 9
Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, N.O.S.
(Terpene)

Sea transportation

IMDG/GGVSee Class: 9
Packaging group: III
UN No.: 3082
Hazard No.: 9
Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, N.O.S.
(Terpene)

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

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Air transportation

ICAO/IATA Class: 9
Packaging group: III
UN No.: 3082
Hazard No.: 9
Correct technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, N.O.S.
(Terpene)
Environmental hazards: Classification as hazardous according 2.9.3 IMDG: yes

15. Regulatory Information

Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

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Water hazard class: 2, hazardous for water

Chemical Safety Assessment

Chemical safety assessment: A Chemical Safety Assessment has not been carried out for this product.

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations.

This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.