



L. CORNELISSEN & SON

Artists' Colourmen

Suppliers of Materials for Painters, Gilders & Printmakers

Safety Data Sheet according to Directive 91/155/EC

Revision Date: March 2015

1) Identification of the substance/preparation and the company

Trade Name: Cornelissen Larch Venice Turpentine

Application: Artists' Medium

Manufacturer/Supplier:

L Cornelissen & Son Ltd
105 Great Russell Street
London WC1B 3RY

Tel: 020 7636 1045

Fax: 020 7636 3655

www.cornelissen.com

2) Composition/Information on ingredients

Hazardous components:

Abietic acid (CAS-N° 514-10-3); N, Xi; R36/37/38, Amount: 25 - 35 %

alpha-Pinene (CAS-N° 80-56-8); Xn, N; R10, R43, R50/53, R65; Amount: 7 - 16 %

beta-Pinene (CAS-N° 127-91-3); Xn, N; R10, R43, R50/53, R65; Amount: max. 1,5 %

Limonene (CAS-N° 7705-14-8); Xi, N; R10, R38, R43; R50/53; Amount: max. 1 %

Mixtures:

This product is a substance

3) Hazards Identification

Classification

Classification according to Regulation (EC) No 1272/2008

<i>Hazard Class</i>	<i>Hazard Category</i>	<i>Statements</i>
Flammable liquids	Category 3	H226
Skin Irritant	Category 2	H315
Eye irritation	Category 2	H319

Skin Sensitivity	Category 1	H317
STOT SE	Category 3	H335
Aqu. Chron.	Category 2	H411
<i>Hazard Symbol/ Category of Danger</i>	<i>Risk phrases</i>	
Flammable	R10	
Irritating to eyes, respiratory system and skin.	R36, R37, R38	
May cause sensitization by skin contact.	R43	
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	R51/53	

Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard Symbols



Signal Word: Warning

Hazard Statements:

Flammable liquid and vapour.

Causes skin irritation.

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause respiratory irritation.

Toxic to aquatic life with long lasting effects.

Precautionary Statements:

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

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

Avoid breathing dust/fume/gas/mist/vapours/spray.

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

IF ON SKIN: Wash with plenty of soap and water.

Avoid release to the environment.

Dispose of contents/container to regional, national regulation.

Other hazards:

No data available

4) First Aid Measures

General advice: Remove from exposure, lie down. Take off all contaminated clothing immediately.

If inhaled: Do not leave affected person unattended. Remove victim out of the danger area. Provide fresh air.

In case of skin contact: Wash off immediately with soap and plenty of water.

In case of eye contact: Flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

If swallowed: If swallowed rinse mouth. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed:
Observe risk of aspiration if vomiting occurs.

Indication of any immediate medical attention and special treatment needed:
Treat symptomatically.

5) Fire Fighting Measures

Extinguishing media

Suitable extinguishing media: Foam, extinguishing powder, carbon dioxide (CO²).

Unsuitable extinguishing media: High volume water jet.

Special hazards arising from the substance or mixture

Specific hazards during fire fighting: B (Fires of liquids or liquid turning substances). In case of fire toxic fumes like carbon monoxide and carbon dioxide may be liberated Burning produces heavy smoke.

Advice for fire fighters

Special protective equipment for fire fighters: In the event of fire, wear suitable breathing apparatus. Wear appropriate body protection.

Further information: Move undamaged containers from immediate hazard area if it can be done safely.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions: Wear personal protection equipment. Avoid contact with skin, eye and clothing. Remove all sources of ignition. Provide adequate ventilation. Give a warning to persons in the hazard area.

Environmental precautions

Environmental precautions: Do not allow to enter into surface water or drains. Cover drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

Methods and Materials for Containment and Cleaning Up

Methods and materials: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Further information: See protective measures under section 7 and 8.

7) Handling and Storage

Precautions for Safe Handling

Advice on safe handling: Wear personal protective clothing (see section 8). Do not breathe gas/fume/vapour/spray. Use only in well-ventilated areas. When using do not eat, drink, smoke, sniff. Provide earthing of containers, equipment, pumps and ventilation facilities. Take precautionary measures against static discharges.

Conditions for Safe Storage, Including Any Incompatibilities

Requirements for storage areas and containers: Keep container tightly closed in a cool, well-ventilated place.

8) Exposure/Personal Protection

Exposure Controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Personal protection equipment

Respiratory protection: If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Hand protection: Use solvent and acid resistant protection gloves according to EN 374. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Take recovery periods for skin regeneration.

Eye protection: Use protection goggles according to EN166.

Environmental exposure controls

See section 6 and 7

9) Physical and chemical Properties

Form:	viscous balsam, resin
Colour:	yellow to brownish-yellow, transparent
Odour:	characteristic
pH:	neutral
Explosive properties:	No data available
Upper explosion limit (Vol-%):	No data available
Lower explosion limit (Vol-%):	No data available
Ignition temperature in °C:	No data available
Flash point (°C):	50 - 59°C
Solubility in Ethanol 80% (V/V):	in 1:2 clear to slightly opalescent
Water solubility (g/l):	insoluble
Acid number:	65 - 85
Saponification number:	100 - 125
Essential oil content:	10 - 20%

10) Stability and Reactivity

Reactivity

Advice: No dangerous reactions known.

Chemical stability

Advice: Product is stable at room temperature.

Possibility of hazardous reactions

Hazardous reactions: No dangerous reactions expected if used according to specifications.

Conditions to avoid

Conditions to avoid: Temperatures more than room temperature will benefit the transfer from liquid to vapour phase and formation of explosive atmospheres. Storing the product in open containers will benefit the formation of peroxides and derogate the quality.

Incompatible materials

Materials to avoid: No data available.

Hazardous decomposition products

No dangerous decomposition products known.

11) Toxicological Information

Acute Toxicity

Oral

LD50: 2200-2500mg/kg)

12) Ecological Information

Toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative Potential

No data available

Mobility in Soil

No data available

Results of PBT and vPvB Assessment

No data available

Other Adverse Effects

No data available

13) Disposal Information

Waste Treatment Methods

Product: Dispose in accordance with all applicable local & national regulations.

Contaminated packaging: Dispose in the same way as product. Non contaminated packaging may be recycled.

14) Transport Information

UN number: 1272

UN proper shipping name	ADR:	PINE OIL
	RID:	PINE OIL
	IMDG:	PINE OIL

Transport Hazard Class(es)

ADR-Class (Labels; Classification Code; Hazard identification No; Tunnel restriction code): 3 3; F1; 33; (D/E)

RID-Class (Labels; Classification Code; Hazard identification No): 3 3; F1; 33

IMDG-Class (Labels; EmS): 3 3; F-E, S-D

Packaging group

ADR: III

RID: III

IMDG: III

Environmental hazards

Labelling according to 5.2.1.8 ADR: Marine pollutant

Labelling according to 5.2.1.8 RID: Marine pollutant

Labelling according to 5.2.1.6.3 IMDG: Marine pollutant

15) Regulatory Information

Risk phases:

Irritating to skin: R38

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment: R50/53

Harmful: may cause lung damage if swallowed: R65

EU-Legislation

Regulation (EC) No 2037/2000 concerning materials, which cause damage to the ozone layer: not applicable.

Regulation (EC) No 850/2004 on persistent organic pollutants: not applicable

Regulation (EC) No 648/2004 (Detergents regulation): not applicable

Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals: not applicable

National regulations

Water hazard class (WGK)

Hazardous to water (WGK 2).

16) Other information

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

To best of our knowledge the information contain herein is accurate. However, neither the above supplier assumes any liability whatsoever for the accuracy or completeness of the information herein

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist