

## 1 Identification of the substance and supplier—

Bio Paints Artist Range Thinner

Thinning of natural varnish, enamel paints, stains and oils. De-grease surfaces before oiling, waxing, varnishing, painting etc. Cleaning brushes, rollers, tools and for removing paint spots.



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## 2 Hazards identification—

### WARNING

- 3.1C Flammable liquid and vapour
- 6.1E May be harmful if swallowed
- 6.3B Causes mild skin irritation
- 6.4A Causes eye irritation
- 9.1B Toxic to aquatic life with long lasting effects
- 9.2B Toxic to the soil environment

Keep container tightly closed.

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

Wash hands thoroughly after handling.

Collect spillage Avoid release to the environment.

## 3 Composition/information on ingredients—

Material	CAS No.	Proportion
Citrus Peel Oil	5989-27-5	>20%
Alkanes	64742-48-9	>50%

## 4 First aid measures—

If medical advice is needed, have product container or label at hand

Call a POISON CENTER or doctor/physician if you feel unwell.

**IF ON SKIN** (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/ attention

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention

## 5 Fire fighting measures—

In case of fire: Use Foam, carbon dioxide, dry chemical powder for extinction.

Combustion products: Carbon monoxide, carbon dioxide

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing

## 6 Accidental release measures—

Shut off all possible sources of ignition.

Wear overalls, PVC gloves, rubber boots, and eye protection.

Avoid release to the environment. Collect spillage where possible or absorb spilt

material with a paper towel.  
Either burn absorbed material or dispose of (ensuring there is no free liquid) in domestic refuse collection.

## 7 Handling and storage—

Wear protective gloves (PVC) & eye protection.  
Use in a well ventilated area.  
Keep away from heat, sparks, open flames & hot surfaces. No smoking  
Keep container tightly closed when not in use.  
Store in a well-ventilated place. Keep cool.  
Wash hands thoroughly after handling

## 8 Exposure controls/personal protection—

No workplace exposure standards (WES) are set for the product or its components.  
Exposure Standards: Citrus Peel Oil: German MAK 20ppm, 110mg/m<sup>3</sup> French VME 1000mg/m<sup>3</sup>  
Wear protective gloves (PVC) & eye protection.

## 9 Physical and chemical properties—

Appearance: Cleat pale yellow liquid.

Odour	lemon	Upper Flammable limit	Not Available
Odour threshold	Not Available	Vapour pressure	Not Available
pH	Not Applicable	Vapour Density	Not Available
Melting /freezing point	Not Available	Relative density	0.791
Initial Boiling point	170 °C	Solubility	Immiscible
Flash point	46 °C	Partition coefficient n-octanol/water	Not Available
Evaporation Rate	Not Available	Auto-ignition temperature	Not Available
Flammability (solid, gas)	Not Applicable	Decomposition temperature	Not Available
Lower Flammable Limit	0.7%	Viscosity	Not Available

## 10 Stability and reactivity—

Stable at room temperature. Keep away from heat, sparks, open flames & hot surfaces.  
Incompatible with: Oxidising agents, mineral acids, halogenated organic compounds

## 11 Toxicological information—

### **Acute Effects**

#### **Ingestion**

May be harmful if swallowed. Small amounts of liquid aspirated into the lungs during ingestion, or from vomiting, may cause chemical pneumonitis, or pulmonary oedema. Ingesting large amounts of this product will result in headaches, nausea, dizziness and tracheal burning.

#### **Eye Contact**

This product may causes eye irritation, but will not permanently damage the eye tissue.

#### **Skin Contact**

This product causes mild skin irritation..

**Inhalation**

Vapour concentrations are irritating to the nose and throat. The inhalation of this product in large quantities will yield moderate discomfort. Overexposure may be evident through symptoms of dizziness, nausea, headaches and other central nervous system effects.

**Chronic Effects**

Limited chronic health data is available for this product. Prolonged skin exposure. It may result in dryness or cracking of the skin, or allergic contact dermatitis

Citrus Peel Oil: Reference Source: ERMA Classification Database.

SPECIES: Rat: LD50 4400 mg/kg Skin Irritant, Eye irritant,

**12 Ecological information—**

Citrus Peel Oil: Reference Source: ERMA Classification Database

Daphnia magna 48 hr EC50, 0.421 mg/l. Rapidly Degradable. Bioaccumulative.

**13 Disposal considerations—**

Well drained container may be disposed of in domestic or commercial refuse collection

**14 Transport information— If relevant,**

UN 1263

PAINT RELATED MATERIAL

Class 3

Packing Group III

Not a Marine Pollutant

**15 Regulatory information—**

To be managed in accordance with the Surface Coatings and Colourants (Flammable) Group Standard 2006. HSNO Approval number HSR002662

**16 Other information—**

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