

**Safety data sheet**  
according to 1907/2006/EC, as amended by Regulation (EU) no.  
2015/830

Printing date 24.11.2020

Version: 1.1

Revision: 24.11.2020

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

- **1.1 Product identifier**
- **Trade name:** AMSTERDAM ACRYLIC VARNISH 1L
- **Article number:** 24328113, 24328114, 24328115, 24328116
- **UFI:** 6U20-F0YN-D00E-HW6X
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** Relevant identified use: Picture varnish
- **1.3 Manufacturer/Supplier:**  
Royal Talens  
P.O.Box 4  
NL-7300 AA Apeldoorn Tel. +31 (0)55 5274700
- **Further information obtainable from:**  
Regulatory Affairs  
safety@royaltalens.com
- **1.4 Emergency telephone number:**  
Great Britain: National Poisons Information Service (Birmingham) tel. (44) (0) 1215074123  
Ireland: National Poisons Information Centre (Dublin) tel. 35 3 18379966

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 2      H225 Highly flammable liquid and vapour.



GHS07

STOT SE 3      H336 May cause drowsiness or dizziness.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02



GHS07

- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

(Contd. on page 2)

GB

**Safety data sheet**  
according to 1907/2006/EC, as amended by Regulation (EU) no.  
2015/830

Printing date 24.11.2020

Version: 1.0

Revision: 24.11.2020

(Contd. of page 1)

- **Hazard statements**
  - H225 Highly flammable liquid and vapour.
  - H336 May cause drowsiness or dizziness.
  - H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
  - P101 If medical advice is needed, have product container or label at hand.
  - P102 Keep out of reach of children.
  - P271 Use only outdoors or in a well-ventilated area.
  - P501 Dispose of contents/container to hazardous waste collection point.
- **Additional information:**
  - EUH066 Repeated exposure may cause skin dryness or cracking.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

- **Dangerous components:**

EC/List number: 919-857-5 Reg.nr.: 01-2119463258-33	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336	30-50%
CAS: 64742-49-0 EINECS: 265-151-9 Reg.nr.: 01-2119473851-33	Naphtha (petroleum), hydrotreated light ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336	10-20%
CAS: 64742-95-6 EC/List number: 918-668-5 Reg.nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335-H336	10-20%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25	propan-2-ol ⚠ Flam. Liq. 2, H225; ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	1-2.5%

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

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** May cause drowsiness or dizziness.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water spray
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases/vapours is possible during heating or in case of fire.

(Contd. on page 3)

**Safety data sheet**  
 according to 1907/2006/EC, as ammended by Regulation (EU) no.  
 2015/830

Printing date 24.11.2020

Version: 1.0

Revision: 24.11.2020

(Contd. of page 2)

- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
 Ensure adequate ventilation  
 Keep away from ignition sources.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **6.3 Methods and material for containment and cleaning up:**  
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
 Ensure adequate ventilation.  
 Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections**  
 See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:**  
 Keep ignition sources away - Do not smoke.  
 Protect from heat.  
 Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
 Store in cool, dry conditions in well sealed receptacles.  
 Protect from heat and direct sunlight.
- **Storage class:** -
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

#### 67-63-0 propan-2-ol (1-2.5%)

WEL	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm
	Long-term value: 999 mg/m <sup>3</sup> , 400 ppm

- **DNELs**

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Oral	DNEL, long term (chronic) - systemic effects	125 mg/kg bw/day (Consumer)
Dermal	DNEL, long term (chronic) - systemic effects	125 mg/kg bw/day (Consumer) 208 mg/kg bw/day (Employee)
Inhalative	DNEL, long term (chronic) - systemic effects	185 mg/m <sup>3</sup> (Consumer) 871 mg/m <sup>3</sup> (Employee)

#### 64742-95-6 Hydrocarbons, C9, aromatics

Oral	DNEL, long term (chronic) - systemic effects	11 mg/kg bw/day (Consumer)
Dermal	DNEL, long term (chronic) - systemic effects	11 mg/kg bw/day (Consumer)

(Contd. on page 4)

**Safety data sheet**  
according to 1907/2006/EC, as ammended by Regulation (EU) no.  
2015/830

Printing date 24.11.2020

Version: 1.0

Revision: 24.11.2020

(Contd. of page 3)

Inhalative	DNEL, long term (chronic) - systemic effects	25 mg/kg bw/day (Employee) 32 mg/m <sup>3</sup> (Consumer) 150 mg/m <sup>3</sup> (Employee)
<b>67-63-0 propan-2-ol</b>		
Oral	DNEL, long term (chronic) - systemic effects	26 mg/kg bw/day (Consumer)
Dermal	DNEL, long term (chronic) - systemic effects	319 mg/kg bw/day (Consumer) 888 mg/kg bw/day (Employee)
Inhalative	DNEL, long term (chronic) - systemic effects	89 mg/m <sup>3</sup> (Consumer) 500 mg/m <sup>3</sup> (Employee)

· **PNECs****67-63-0 propan-2-ol**

PNEC, fresh water	140.9 mg/l (aquatic organism)
PNEC, marine water	140.9 mg/l (aquatic organism)
PNEC, fresh water sediment	552 mg/kg (aquatic organism)
PNEC, marine water sediment	552 mg/kg (aquatic organism)
PNEC, soil	28 mg/kg (terrestrial organism)

· **8.2 Exposure controls**· **Personal protective equipment:**· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

Only during spraying without adequate removal by suction.

· **Protection of hands:**

If prolonged or repeated contact is likely, chemicalresistant gloves are recommended.

· **Material of gloves** Nitrile rubber, NBR· **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Safety glasses if risk of splashes.

## SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic

· **pH-value:** Not applicable.· **Change in condition****Melting point/freezing point:** Undetermined.

(Contd. on page 5)

**Safety data sheet**  
according to 1907/2006/EC, as amended by Regulation (EU) no.  
2015/830

Printing date 24.11.2020

Version: 1.0

Revision: 24.11.2020

(Contd. of page 4)

<b>Initial boiling point and boiling range:</b> 107-137 °C	
· <b>Flash point:</b>	1 °C
· <b>Flammability (solid, gas):</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Explosion limits:</b>	
Lower:	0.6 Vol %
Upper:	7 Vol %
· <b>Oxidising properties</b>	No further relevant information available.
· <b>Vapour pressure at 20 °C:</b>	2.1-13 hPa
· <b>Density at 20 °C:</b>	0.84 g/cm <sup>3</sup>
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
Dynamic:	Not determined.
Kinematic at 40 °C:	>20.5 mm <sup>2</sup> /s
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability** Stable under recommended storage and handling conditions (see section 7).
- **10.3 Possibility of hazardous reactions**  
Dangerous reactions are not expected if the product is handled according to its intended use.
- **10.4 Conditions to avoid** Keep away from sources of ignition - No smoking.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No decomposition if used according to specifications.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

**Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>5,000 mg/l (rat)

**64742-49-0 Naphtha (petroleum), hydrotreated light**

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>20 mg/l (rat)

**64742-95-6 Hydrocarbons, C9, aromatics**

Oral	LD50	2,000-5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

(Contd. on page 6)

**Safety data sheet**  
according to 1907/2006/EC, as ammended by Regulation (EU) no.  
2015/830

Printing date 24.11.2020

Version: 1.0

Revision: 24.11.2020

(Contd. of page 5)

**67-63-0 propan-2-ol**

Oral	LD50	5,840 mg/kg (rat)
Dermal	LD50	13,900 mg/kg (rabbit)
Inhalative	LC50/6h	>25 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**· **12.1 Toxicity**· **Aquatic toxicity:****64742-95-6 Hydrocarbons, C9, aromatics**

EC50, acute | 1-10 mg/l (algae)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **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.  
Harmful to aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- |                                       |                             |
|---------------------------------------|-----------------------------|
| · <b>14.1 UN-Number</b>               |                             |
| · <b>ADR, IMDG, IATA</b>              | UNI263                      |
| · <b>14.2 UN proper shipping name</b> |                             |
| · <b>ADR</b>                          | 1263 PAINT RELATED MATERIAL |
| · <b>IMDG, IATA</b>                   | PAINT RELATED MATERIAL      |

(Contd. on page 7)

GB

**Safety data sheet**  
according to 1907/2006/EC, as ammended by Regulation (EU) no.  
2015/830

Printing date 24.11.2020

Version: 1.0

Revision: 24.11.2020

(Contd. of page 6)

## · 14.3 Transport hazard class(es)

· ADR, IMDG, IATA



· Class 3 Flammable liquids.  
· Label 3

## · 14.4 Packing group

None.

· ADR, IMDG, IATA

II

## · 14.5 Environmental hazards:

Not applicable.

## · 14.6 Special precautions for user

Warning: Flammable liquids.

· Hazard identification number (Kemler code):

33

· EMS Number:

F-E,S-E

· Stowage Category

B

## · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

## · Transport/Additional information:

## · ADR

· Limited quantities (LQ)

5L

· Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· Transport category

2

· Tunnel restriction code

D/E

## · IMDG

· Limited quantities (LQ)

1L

· Excepted quantities (EQ)

Code: E2

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 500 ml

· UN "Model Regulation":

UN 1263 PAINT RELATED MATERIAL, 3, II

## SECTION 15: Regulatory information

## · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

67-63-0 | propan-2-ol

## · Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category P5c FLAMMABLE LIQUIDS

· Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

· Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

(Contd. on page 8)

**Safety data sheet**  
 according to 1907/2006/EC, as amended by Regulation (EU) no.  
 2015/830

Printing date 24.11.2020

Version: 1.0

Revision: 24.11.2020

(Contd. of page 7)

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3