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

· **1.1 Product identifier**

· **Trade name: GOUACHE VARNISH GLOSSY 074**

· **Article number:** 24285074, 24305074, 24325074
· **UFI:** TW10-W0D9-1000-74T7
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
Relevant identified use: Picture varnish
· **1.3 Manufacturer/Supplier:**
Manufacturer:
Royal Talens
P.O. Box 4
NL-7300 AA Apeldoorn Tel. +31 (0)55 5274700

UK Distributor:
R.Talens UK Ltd
P.O. Box 3717
Wokingham RG40 9RS, UK
Tel +44 (0)800 995 6500

· **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**



flame

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



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



STOT SE 3 H336 May cause drowsiness or dizziness.
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.

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· ***Hazard pictograms***



GHS02 GHS07 GHS09

· ***Signal word*** *Danger*

· ***Hazard-determining components of labelling:***
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
· ***Hazard statements***
H225 Highly flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H411 Toxic 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 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, EUH066*	*30-50%*
EC/List number: 920-750-0 *Reg.nr.: 01-2119473851-33*	*Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics* *Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336, EUH066*	*25-30%*
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, EUH066*	*5-10%*
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%*

· ***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.*

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· **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:** CO2, 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.
· **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:**	
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics (25-30%)	
TWA	Long-term value: 1000 mg/m³, 200 ppm
67-63-0 propan-2-ol (≤1%)	
WEL	Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm

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· **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/m3 (Consumer)
		871 mg/m3 (Employee)
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics		
Oral	DNEL,long term (chronic) - systemic effects	699 mg/kg bw/day (Consumer)
Dermal	DNEL,long term (chronic) - systemic effects	699 mg/kg bw/day (Consumer)
		773 mg/kg bw/day (Employee)
Inhalative	DNEL,long term (chronic) - systemic effects	608 mg/m3 (Consumer)
		2,035 mg/m3 (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)
		25 mg/kg bw/day (Employee)
Inhalative	DNEL,long term (chronic) - systemic effects	32 mg/m3 (Consumer)
		150 mg/m3 (Employee)
67-63-0 propan-2-ol		
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/m3 (Consumer)
		500 mg/m3 (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**
· **Individual protection measures, such as 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.
· **Hand protection**



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.

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· **Eye/face protection**



Safety glasses if risk of splashes.

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SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**	
· **General Information**	
· **Physical state**	Fluid
· **Colour:**	According to product specification
· **Odour:**	Characteristic
· **Melting point/freezing point:**	Undetermined.
· **Boiling point or initial boiling point and boiling range**	107-137 °C
· **Flammability**	Highly flammable.
· **Lower and upper explosion limit**	
· **Lower:**	0.7 Vol %
· **Upper:**	6.8 Vol %
· **Flash point:**	1 °C
· **Decomposition temperature:**	Not determined.
· **pH**	Mixture is non-soluble (in water).
· **Viscosity:**	
· **Kinematic viscosity at 40 °C**	>20.5 mm²/s
· **Dynamic:**	Not determined.
· **Solubility**	
· **water:**	Not miscible or difficult to mix.
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Vapour pressure at 20 °C:**	2 hPa
· **Density and/or relative density**	
· **Density at 20 °C:**	0.83 g/cm³

· **9.2 Other information**	
· **Appearance:**	
· **Form:**	Fluid
· **Important information on protection of health and environment, and on safety.**	
· **Explosive properties:**	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· **Change in condition**	
· **Softening point/range**	
· **Oxidising properties**	No further relevant information available.
· **Evaporation rate**	Not determined.

· **Information with regard to physical hazard classes**	
· **Explosives**	Void
· **Flammable gases**	Void
· **Aerosols**	Void
· **Oxidising gases**	Void
· **Gases under pressure**	Void
· **Flammable liquids**	Highly flammable liquid and vapour.
· **Flammable solids**	Void
· **Self-reactive substances and mixtures**	Void
· **Pyrophoric liquids**	Void
· **Pyrophoric solids**	Void
· **Self-heating substances and mixtures**	Void
· **Substances and mixtures, which emit flammable gases in contact with water**	Void

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· **Oxidising liquids**	Void
· **Oxidising solids**	Void
· **Organic peroxides**	Void
· **Corrosive to metals**	Void
· **Desensitised explosives**	Void

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.

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SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity**

· **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)
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
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)
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)

· **STOT-single exposure** May cause drowsiness or dizziness.
· **11.2 Information on other hazards**

· **Endocrine disrupting properties**
None of the ingredients is listed.

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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.

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· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
· **12.7 Other adverse effects**
· **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.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

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SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation** Disposal must be made according to official regulations.

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

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SECTION 14: Transport information

· **14.1 UN number or ID number**	
· **ADR, IMDG, IATA**	UN1263
· **14.2 UN proper shipping name**	
· **ADR**	1263 PAINT RELATED MATERIAL, ENVIRONMENTALLY HAZARDOUS
· **IMDG**	PAINT RELATED MATERIAL, MARINE POLLUTANT
· **IATA**	PAINT RELATED MATERIAL
· **14.3 Transport hazard class(es)**	
· **ADR, IMDG**	
· **Class**	3 Flammable liquids.
· **Label**	3
· **IATA**	
· **Class**	3 Flammable liquids.
· **Label**	3
· **14.4 Packing group**	None.
· **ADR, IMDG, IATA**	II
· **14.5 Environmental hazards:**	Product contains environmentally hazardous substances: Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
· **Marine pollutant:**	Symbol (fish and tree)
· **Special marking (ADR):**	Symbol (fish and tree)
· **14.6 Special precautions for user**	Warning: Flammable liquids.
· **Hazard identification number (Kemler code):**	33

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· **EMS Number:**	F-E,S-E
· **Stowage Category**	B
· **14.7 Maritime transport in bulk according to IMO instruments**	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, ENVIRONMENTALLY HAZARDOUS

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SECTION 15: Regulatory information

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

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Seveso category**
E2 Hazardous to the Aquatic Environment
P5c FLAMMABLE LIQUIDS
· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
· **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.
EUH066 Repeated exposure may cause skin dryness or cracking.
· **Abbreviations and acronyms:**
ADR: Accord relatif au transport international 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 (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent

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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
· **** Data compared to the previous version altered.***