

**Safety Data Sheet**
acc. to OSHA HCS

Printing date 12/10/2018

Reviewed on 12/10/2018

1 Identification

- **Trade name:** *VAN GOGH WATERCOLOUR, 108 - CHINESE WHITE (Tube)*
- **Article number:** *see annex*
- **Information department:** *info.na@royaltalens.com*
- **Emergency telephone number:** *For further health information call a poison control center.*

2 Hazard(s) identification

- **Hazard warning in accordance with US Labeling of Hazardous Art Materials Act / Federal Hazardous Substances Act:**
- **Hazard statements** *WARNING: MAY BE HARMFUL IF SWALLOWED. Contains Zinc.*

3 Composition/information on ingredients

- **Dangerous components:** *Void*

4 First-aid measures

- **After inhalation:** *Not applicable.*
- **After skin contact:** *Clean with water and soap.*
- **After eye contact:** *Rinse opened eye for several minutes under running water.*
- **After swallowing:** *If symptoms persist consult doctor.*

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** *Not applicable*
- **Special hazards arising from the substance or mixture** *No further relevant information available.*

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** *Not required.*
- **Environmental precautions:** *Do not allow to enter sewers/ surface or ground water.*
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7 Handling and storage

- **Precautions for safe handling:** *No special measures required.*

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8 Exposure controls/personal protection· **Control parameters**· **Components with limit values that require monitoring at the workplace:****1314-13-2 zinc oxide (50-70%)**

PEL Long-term value: 15* 5** mg/m³
*total dust **respirable fraction and fume

REL Short-term value: 10** mg/m³
Long-term value: 5 mg/m³
Ceiling limit value: 15* mg/m³
*dust only **fume

TLV Short-term value: 10* mg/m³
Long-term value: 2* mg/m³
*as respirable fraction

- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Protection of hands:**
- **Penetration time of glove material:** Not applicable.
- **Eye protection:** Not required.

9 Physical and chemical properties· **Appearance:**

Form: Fluid
Color: White
Odor: Characteristic

· **pH-value at 20 °C (68 °F):** 5.5

· **Change in condition**

Melting point/Melting range: Not determined.
Boiling point/Boiling range: 100 °C (212 °F)

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Decomposition temperature:** Not determined.

· **Density at 20 °C (68 °F):** 4.31141 g/cm³ (35.97872 lbs/gal)

· **Vapor density:** Not applicable.

· **Evaporation rate:** Not applicable.

· **Solubility in / Miscibility with**

Water: Fully miscible.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

Dynamic: Not applicable.
Kinematic: Not applicable.

10 Stability and reactivity

- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** Acids; Alkali (lyes)
- **Hazardous decomposition products:** No decomposition if used according to specifications.

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11 Toxicological information· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:****1314-13-2 zinc oxide**

Oral LD50 >5,000 mg/kg (rat)

· **Carcinogenic categories:**· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information· **Toxicity**· **Aquatic toxicity:****1314-13-2 zinc oxide**

EC50, acute 0.137 mg/l (algae)

0.413 mg/l (daphnia)

NOEC, chronic 19 µg/l (algae)

82 µg/l (daphnia)

· **Persistence and degradability** No further relevant information available.· **General notes:**

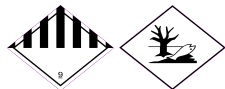
Do not allow product to reach ground water, water course or sewage system.

The product contains materials that are harmful to the environment.

Very toxic for aquatic organisms

13 Disposal considerations· **Recommendation:**

Must not be disposed together with household garbage. Disposal must be made according to official regulations. Do not allow product to reach sewage system.

· **Recommended cleansing agent:** Water, if necessary with cleansing agents.**14 Transport information**· **UN-Number** Not applicable.· **DOT** UN3082· **Transport hazard class(es)**· **DOT, ADR, IMDG, IATA**· **Class** 9 Miscellaneous dangerous substances and articles· **Label** 9· **Packing group** None· **DOT, ADR, IMDG, IATA III**· **Special marking (IATA):** Symbol (fish and tree)

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- **DOT**
- **Quantity limitations** *On passenger aircraft/rail: No limit
On cargo aircraft only: No limit*
- **Remarks:** *Special marking with the symbol (fish and tree).*
- **UN "Model Regulation":** *UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ZINC OXIDE), 9, III*

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
Labeling in accordance with US Labeling of Hazardous Art Materials Act (P.L. 100-695) / Federal Hazardous Substances Act.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

16 Other information

Certified to be labeled in accordance with the chronic hazard labeling standard, ASTM D 4236 and Federal law, P.L. 100-695.

- 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.

- **Date of preparation / last revision** 12/10/2018 / -

- **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

DOT: US Department of Transportation

IATA: International Air Transport Association

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

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The following Item numbers and EAN Codes are related to this Safety Data Sheet.

item #	EAN code
20011080	8712079046484
20011081	8712079417543
20800112	8712079048853
20820110	8712079231491
20820120	8712079422851
20820210	8712079396350
20840112	8712079048914