

Safety Data Sheet
acc. to OSHA HCS

Printing date 12/10/2018

Reviewed on 12/10/2018

1 Identification

- **Trade name:** *VAN GOGH WATERCOLOUR (pan), all colours*
- **Article number:** *see annex*
- **Information department:** *info.na@royaltalens.com*

2 Hazard(s) identification

- **Hazard warning in accordance with US Labeling of Hazardous Art Materials Act / Federal Hazardous Substances Act:**
- **Hazard statements** *No health labeling required*

3 Composition/information on ingredients

- **Dangerous components:**
This product is not considered to be a hazardous chemical (or to contain hazardous chemicals) based on evaluations made by our company under the OSHA Hazardous Communication Standard, 29 C.F.R. section 1910.1200

4 First-aid measures

- **General information:** *No special measures required.*
- **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 relevant*
- **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:** *No special measures required.*
- **Methods and material for containment and cleaning up:** *Pick up mechanically.*

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:** Not required.
- **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: | Solid |
| Color: | According to product specification |
| · Odor: | Characteristic |
| · pH-value: | Not applicable. |
| · Change in condition | |
| Melting point/Melting range: | Not determined. |
| Boiling point/Boiling range: | Not determined. |
| · Flash point: | Not applicable. |
| · Flammability (solid, gaseous): | Not determined.
Not applicable. |
| · Decomposition temperature: | Not determined. |
| · Density: | Not determined. |
| · 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:** No further relevant information available.
- **Hazardous decomposition products:** No decomposition if used according to specifications.

11 Toxicological information

- **Carcinogenic categories:**
- **NTP (National Toxicology Program)**
- None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
- None of the ingredients is listed.

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12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **General notes:**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

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 | Void |
| · Transport hazard class(es) | Not applicable
None |
| · DOT, ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · Packing group | None
None |
| · DOT, ADR, IMDG, IATA | Void |
| · UN "Model Regulation": | Void |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **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)

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	item #	EAN code	item#	EAN code
20808607	8712079246273	20862701	8712079419097	20865670	8712079048068
20808618	8712079048877	20862721	8712079419103	20865671	8712079419370
20808623	8712079422868	20862781	8712079419110	20865680	8712079048075
20808624	8712079048884	20862911	8712079419127	20865681	8712079419387
20808631	8712079341107	20862961	8712079419134	20865700	8712079048082
20808632	8712079344955	20863110	8712079047894	20865701	8712079419394
20808640	8712079422790	20863111	8712079419141	20865921	8712079419400
20808641	8712079422806	20863181	8712079419158	20865931	8712079419417
20808642	8712079422813	20863270	8712079047900	20866160	8712079048099
20808643	8712079422820	20863271	8712079419165	20866161	8712079419424
20808644	8712079422837	20863310	8712079047917	20866200	8712079048105
20808718	8712079396381	20863311	8712079419172	20866201	8712079419431
20808731	8712079396374	20863390	8712079047924	20866230	8712079048112
20838612	8712079049003	20863391	8712079419189	20866231	8712079419448
20838624	8712079048907	20863571	8712079419196	20866301	8712079419455
20838636	8712079411466	20863660	8712079047931	20866330	8712079048129
20838648	8712079422875	20863661	8712079419202	20866331	8712079419462
20838712	8712079396398	20863700	8712079047948	20866440	8712079048136
20838724	8712079396404	20863701	8712079419219	20866441	8712079419479
20840112	8712079048914	20863710	8712079047955	20866450	8712079048143
20848624	8712079048921	20863711	8712079419226	20866451	8712079419486
20848625	8712079409845	20863731	8712079419233	20866611	8712079419493
20848724	8712079396367	20864030	8712079047962	20866620	8712079048150
20861061	8712079418977	20864031	8712079419240	20866621	8712079419509
20861080	8712079047795	20864080	8712079047979	20866750	8712079048167
20861081	8712079418984	20864081	8712079419257	20866751	8712079419516
20862240	8712079047801	20864090	8712079047986	20867010	8712079048174
20862241	8712079418991	20864091	8712079419264	20867011	8712079419523
20862270	8712079047818	20864110	8712079047993	20867080	8712079048181
20862271	8712079419004	20864111	8712079419271	20867081	8712079419530
20862301	8712079419011	20864160	8712079048006	20867151	8712079419547
20862340	8712079047825	20864161	8712079419288	20867351	8712079419554
20862341	8712079419028	20865060	8712079048013	20867481	8712079419561
20862380	8712079047832	20865061	8712079419295	20868001	8712079419578
20862381	8712079419035	20865080	8712079048020	20868021	8712079419585
20862441	8712079419042	20865081	8712079419301	20868031	8712079419592
20862540	8712079047849	20865120	8712079048037	20868051	8712079419608
20862541	8712079419059	20865121	8712079419318	20868111	8712079419615
20862660	8712079047856	20865221	8712079419325	20868401	8712079419622
20862661	8712079419066	20865251	8712079419332	20868431	8712079419639
20862680	8712079047863	20865330	8712079048044	20868441	8712079419646
20862681	8712079419073	20865331	8712079419349	20868451	8712079419653
20862690	8712079047870	20865350	8712079048051	20868461	8712079419660
20862691	8712079419080	20865351	8712079419356	20868471	8712079419677
20862700	8712079047887	20865601	8712079419363	20868481	8712079419684

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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/m ³ *total dust **respirable fraction and fume
REL	Short-term value: 10** mg/m ³ Long-term value: 5 mg/m ³ Ceiling limit value: 15* mg/m ³ *dust only **fume
TLV	Short-term value: 10* mg/m ³ Long-term value: 2* mg/m ³ *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.
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· **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:**

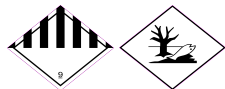
Do not allow product to reach ground water, water course or sewage system.

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

US

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