SAFETY DATA SHEET
WINSOR & NEWTON PROFESSIONAL WATER COLOUR (TUBES) ALL OTHER COLOURS CADMIUM FREE

1. Identification

Product identifier
WINSOR & NEWTON PROFESSIONAL WATER COLOUR (TUBES) ALL OTHER COLOURS CADMIUM FREE

Recommended use of the chemical and restrictions on use
Application Fine Art Painting
Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet
Supplier ColArt Americas Inc.
11 Constitution Avenue
Piscataway
New Jersey 08855 - 1396
USA
1-732-562-0770
R.Enquiries@colart.co.uk

Contact Person Regulatory Manager
Manufacturer ColArt International SA
5 Rue Rene Panhard
Z.I .Nord
72021 Le Mans Cedex 2
+33 2 43 83 83 00

Emergency telephone number
Emergency telephone For health information only call 1-800-628-3385 Piscataway NJ 08855.

2. Hazard(s) identification

Classification of the substance or mixture
Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Aquatic Acute 3 - H402

Label elements
Hazard statements H402 Harmful to aquatic life.
Precautionary statements P273 Avoid release to the environment.
P501 Dispose of contents/ container in accordance with national regulations.

Other hazards
This product does not contain any substances classified as PBT or vPvB.

3. Composition/Information on ingredients

Mixtures
## WINSOR & NEWTON PROFESSIONAL WATER COLOUR (TUBES) ALL OTHER COLOURS CADMIUM FREE

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
<th>M factor (Acute)</th>
<th>M factor (Chronic)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pyrithione Zinc</td>
<td>&lt;1%</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>CAS number: 13463-41-7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 3 - H301</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 3 - H331</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic Acute 1 - H400</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 1 - H410</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>Concentration</th>
<th>M factor (Acute)</th>
<th>M factor (Chronic)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZINC OXIDE</td>
<td>&lt;1%</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>CAS number: 1314-13-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Classification</td>
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<td></td>
</tr>
<tr>
<td>Aquatic Acute 1 - H400</td>
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<td></td>
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</tr>
</tbody>
</table>

The full text for all hazard statements is displayed in Section 16.

### Composition comments

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### 4. First-aid measures

#### Description of first aid measures

**General information**
If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

**Inhalation**
No specific recommendations. If throat irritation or coughing persists, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues.

**Ingestion**
No specific recommendations. If throat irritation or coughing persists, proceed as follows. Rinse mouth. Get medical attention if any discomfort continues.

**Skin Contact**
No specific recommendations. Rinse with water. Get medical attention if any discomfort continues.

**Eye contact**
Rinse with water. Get medical attention if any discomfort continues.

**Protection of first aiders**
Use protective equipment appropriate for surrounding materials.

#### Most important symptoms and effects, both acute and delayed

**General information**
The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**
No specific symptoms known. Spray/mists may cause respiratory tract irritation.

**Ingestion**
No specific symptoms known. May cause discomfort if swallowed.

**Skin contact**
No specific symptoms known. May cause discomfort.

**Eye contact**
No specific symptoms known. May be slightly irritating to eyes.

#### Indication of immediate medical attention and special treatment needed

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Notes for the doctor
Treat symptomatically.

Specific treatments
No special treatment required.

5. Fire-fighting measures

Extinguishing media
The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards
Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products
Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

Advice for firefighters
Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions
No specific recommendations. For personal protection, see Section 8.

Environmental precautions
Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up
Reuse or recycle products wherever possible. Absorb spillage to prevent material damage. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.

Reference to other sections
For personal protection, see Section 8.

7. Handling and storage

Precautions for safe handling

Usage precautions
Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists.

Advice on general occupational hygiene
Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions
No specific recommendations.
WINSON & NEWTON PROFESSIONAL WATER COLOUR (TUBES) ALL OTHER COLOURS CADMIUM FREE

Storage class
Unspecified storage.

Specific end uses(s)
The identified uses for this product are detailed in Section 1.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

ZINC OXIDE

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust
Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ respirable fraction
Short-term exposure limit (15-minute): ACGIH 10 mg/m³ respirable fraction
Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ fume
Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

OSHA = Occupational Safety and Health Administration. ACGIH = American Conference of Governmental Industrial Hygienists.

Ingredient comments
OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

Exposure controls

Protective equipment

Appropriate engineering controls
No specific ventilation requirements.

Eye/face protection
No specific eye protection required during normal use. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection
No specific hand protection recommended.

Other skin and body protection
Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures
Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

Respiratory protection
No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls
Not regarded as dangerous for the environment.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance
Liquid

Color
Various colors.

Odor
Characteristic.

pH
pH (concentrated solution): 6-8

Initial boiling point and range
>100°C @ 760 mm Hg
### Stability and reactivity

**Reactivity**
There are no known reactivity hazards associated with this product.

**Stability**
Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

**Possibility of hazardous reactions**
No potentially hazardous reactions known.

**Conditions to avoid**
There are no known conditions that are likely to result in a hazardous situation.

**Materials to avoid**
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

**Hazardous decomposition products**
Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

### Toxicological information

**Information on toxicological effects**

<table>
<thead>
<tr>
<th>Toxicological effect</th>
<th>Classification criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - oral</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>Acute toxicity - dermal</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>Acute toxicity - inhalation</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>Skin corrosion/irritiation</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>Animal data</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>Genotoxicity - in vitro</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not met based on available data</td>
</tr>
<tr>
<td>IARC carcinogenicity</td>
<td>None of the ingredients are listed or exempt</td>
</tr>
</tbody>
</table>

**Item Numbers:**

- 00319-3201
- 00319-3202
- 00319-3311
- 00319-3332
- 00319-3561
- 00319-3562
- 00319-4121
- 00319-4122
- 00319-4181
- 00319-4182
- 00319-4201
- 00319-4202
- 00319-4301
- 00319-4302
- 00319-4531
- 00319-4532
Reproductive toxicity
Reproductive toxicity - fertility
Based on available data the classification criteria are not met.
Reproductive toxicity - development
Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure
STOT - single exposure
Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure
STOT - repeated exposure
Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard
Based on available data the classification criteria are not met.

General information
No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation
No specific symptoms known. Spray/mists may cause respiratory tract irritation.

Ingestion
No specific symptoms known. May cause discomfort if swallowed.

Skin Contact
No specific symptoms known. May cause discomfort.

Eye contact
No specific symptoms known. May be slightly irritating to eyes.

Acute and chronic health hazards
No specific health hazards known.

Route of entry
Ingestion Inhalation Skin and/or eye contact

Target Organs
No specific target organs known.

12. Ecological Information

Ecotoxicity
Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Toxicity
Based on available data the classification criteria are not met.

Acute toxicity - fish
Not determined.

Acute toxicity - aquatic invertebrates
Not determined.

Acute toxicity - aquatic plants
Not determined.

Acute toxicity - microorganisms
Not determined.

Persistence and degradability
The degradability of the product is not known.

Bioaccumulative potential
No data available on bioaccumulation.

Mobility in soil
No data available.
WINSOR & NEWTON PROFESSIONAL WATER COLOUR (TUBES) ALL OTHER COLOURS
CADMIUM FREE

Other adverse effects

None known.

13. Disposal considerations

Waste treatment methods

General information

The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class

08 01 12 waste paint and varnish other than those mentioned in 08 01 11

14. Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

Road transport notes

Not classified.

Rail transport notes

Not classified.

Sea transport notes

Not classified.

Air transport notes

Not classified.

UN Number

Not relevant.

UN proper shipping name

Not relevant.

Transport hazard class(es)

Not relevant.

Packing group

Not relevant.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not relevant.

15. Regulatory information
WINSOR & NEWTON PROFESSIONAL WATER COLOUR (TUBES) ALL OTHER COLOURS
CADMIUM FREE

Regulatory Status
This product has been evaluated by a toxicologist and labelled for acute and chronic health hazards in accordance with the Labelling of Hazardous Art Materials Regulation and Federal Regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act. This product conforms to ASTM D-4236 Standard Practice for Labelling Art Materials for Chronic Adverse health effects.

This product has been certified by ACMI (Artists Craft Material Institute, Inc.) to carry the AP (Approved Product) Seal, meaning this product bears no chronic or acute human health hazards.

US Federal Regulations
SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities
None of the ingredients are listed or exempt.

SARA 313 Emission Reporting
The following ingredients are listed or exempt:
ZINC OXIDE
1.0 %

CAA Accidental Release Prevention
None of the ingredients are listed or exempt.

FDA - Essential Chemical
None of the ingredients are listed or exempt.

FDA - Precursor Chemical
None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories
None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals
None of the ingredients are listed or exempt.

US State Regulations
California Proposition 65 Carcinogens and Reproductive Toxins
None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)
The following ingredients are listed or exempt:
ZINC OXIDE
Present.

California Air Toxics "Hot Spots" (A-II)
None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances
The following ingredients are listed or exempt:

WINSOR & NEWTON PROFESSIONAL WATER COLOUR (TUBES) ALL OTHER COLOURS CADMIUM FREE

ZINC OXIDE
Present.

Massachusetts "Right To Know" List
The following ingredients are listed or exempt:
ZINC OXIDE
Present.

Rhode Island "Right To Know" List
The following ingredients are listed or exempt:
ZINC OXIDE
Present.

Minnesota "Right To Know" List
The following ingredients are listed or exempt:
ZINC OXIDE
Present.

New Jersey "Right To Know" List
The following ingredients are listed or exempt:
ZINC OXIDE
Present.

Pennsylvania "Right To Know" List
The following ingredients are listed or exempt:
ZINC OXIDE
Present.

Inventories
US - TSCA
The following ingredients are listed or exempt:
ZINC OXIDE
Present.

US - TSCA 12(b) Export Notification
None of the ingredients are listed or exempt.

16. Other information

Training advice
Read and follow manufacturer's recommendations.

Revision date
7/7/2017

Revision
8

Supersedes date
7/7/2017

SDS No.
23687

Hazard statements in full
H301 Toxic if swallowed.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H400 Very toxic to aquatic life.
H402 Harmful to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
WINSOR & NEWTON PROFESSIONAL WATER COLOUR (TUBES) ALL OTHER COLOURS CADMIUM FREE

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.