

SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006, Regulation (EU) No 2015/830, Regulation (EC) No 1272/2008

Artists' water colour «White Nights» (tube)

Revision Date 30.11.2017

Version 1.0

EU / EN

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

1.1 Product identifier

Trade name : Artists' water colour «White Nights» (tube):
Cadmium red light, Cadmium orange, Cadmium yellow medium, Cadmium lemon, Green, Cobalt blue, Ceruleum blue, Ultramarine, Raw Sienna, Yellow ochre, Lemon, Golden deep, Carmine, Emerald green, Sepia, Lamp black, English red, Ruby, Madder lake red light, Quinacridone lilac, Bright blue, Turquoise blue, Umber.

Chemical name : Not applicable.
CAS-No : Not applicable.
EC-No : Not applicable.
Registration number : Not applicable (the substance is a mixture).

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/ : Artists colors.
Mixture

1.3 Details of the supplier of the safety data sheet

Company : Joint-Stock Company «Artistic paints plant «Nevskaya palitra»
68 Serdobolskaya str., Saint-Petersburg, Russia, 197342

Telephone : +7 (812) 337-11-43

E-mail address : secretar@zxknp.spb.ru

Only representative : Not applicable.

Telephone : Not applicable.

E-mail address : Not applicable.

1.4 Emergency telephone number

Austria: Poison Control Centre, Tel.: (+43)-1-406-43-43;

Belgium: Belgisch Antigifcentrum, Tel.: 070/245-245;

Bulgaria: Многопрофилна болница за активно лечение и спешна медицина "Н.И.Пирогов",
Tel.: (+359)-2-9154-409;

Croatia: Poison Control Centre, Tel: (+385)-1-23-48-342;

Czech Republic: Toxikologické informační středisko Telefon: (+420)-224-919-293,
(+420)-224-915-402;

Denmark: Poison Control Hotline, Tel.: (+45)-82-12-12-12;

Estonia: National emergency telephone number: 112 or Poison information telephone number:
16662, calling from abroad: (+372)-626-93-90;

Finland: Poison Information Centre, Tel.: (09)-471-977 (direct) or (09)-4711;

France: ORFILA (INRS): (+33)-(0)-1-45-42-59-59;

Hungary: Az Egészségügyi Toxikológiai Tájékoztató Szolgálat elérhetőségei Tel: (+36)-80-201-199;

Latvia: Valsts Toksikoloģijas centra Saindēšanās un zāļu informācijas centrs, Tel.: (+371)-67042473;

Lithuania: Sveikatos apsaugos ministerijos ekstremalių sveikatai situacijų centras,

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Tel.: (+370)-5-236-20-52 or (+370)-687-53378;

Malta: Mater Dei Hospital, Tel: 2545-0000;

Portugal: Centro de Informação Antivenenos (Portuguese Poison Centre), Tel: 808-250-143;

Romania: Biroul RSI Si Informare Toxicologica, Tel.: 021-318-36-06 (direct) (8.00 - 15.00);

Slovak Republic: National Toxicological Information Centre (+421)-2-5477-4166;

(+420)-224-915-402;

Sweden: 112.

Note: please, consult with your local/national competent authorities for the emergency number in your country.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to REGULATION (EC) No 1272/2008

The product does not need to be classified in accordance with REGULATION (EC) No 1272/2008.

Not a hazardous mixture according to REGULATION (EC) No 1272/2008.

2.2 Label elements

Labeling according to REGULATION (EC) No 1272/2008

The product does not need to be labelled in accordance with REGULATION (EC) No 1272/2008.

Not a hazardous mixture according to REGULATION (EC) No 1272/2008.

2.3 Other hazards

No data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

The product is a mixture within the meaning of the REACH Regulation (1907/2006/EC).

The following table contains the main constituent at the top.

Chemical Name	Concentration, wt. %	CAS-No	EC-No / Registration number	Index-No	CLP
Biphenyl-2-ol	< 0,175	90-43-7	201-993-5	604-020-00-6	Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Acute 1, H400
2-methyl-2H-isothiazol-3-one	< 0,0175	2682-20-4	220-239-6	No data available	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin corr. 1B, H314 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
1,2-benzisothiazol-3(2H)-one	< 0,0175	2634-33-5	220-120-9	613-088-00-6	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 1, H400

For the full text of the H-phrases mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

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- General advice : In the case of accident or if you feel unwell, immediately seek medical advice (show the label where possible). First aider needs to protect himself. Never give anything by mouth to an unconscious person.
- Inhalation : If breathed in move person into fresh air. Keep patient warm and at rest.
- Skin contact : In case of contact flush skin with soap and plenty of water.
- Eye contact : Protect unharmed eye. If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse with plenty of water.
- Ingestion : Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media : Use all firefighting media.

5.2 Special hazards arising from the substance or mixture

Specific hazards : Hazardous decomposition products may be formed under fire conditions (see section 10). Exposure to decomposition products may be a hazard to health.

5.3 Advice fire fighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Further information : Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. The product itself does not burn.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedure

Refer to protective measures listed in sections 7 and 8. Use personal protective equipment. Ensure adequate ventilation, especially in confined areas. Immediately evacuate personnel to safe areas. Avoid dust formation. Avoid contact with skin and eyes. Avoid breathe dust.

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6.2 Environmental precautions

Prevent further spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. Avoid release to the environment.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Avoid pollution of environment.

6.4 Reference to other sections

See Section 7, 8, 11, 12 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8. Avoid formation of dust. Provide appropriate exhaust ventilation at places where dust is formed.

Advice on protection against fire and explosion : Normal measures for preventive fire protection. Keep away from heat.

7.2 Conditions for safe storage including any incompatibilities

Requirements for storage : Avoid release moisture. Avoid to low temperature. Keep areas and containers

Store in aluminum tube (vol.10 cm³)l.

Paint tube are packed in polymer trays in carton boxes with the paint of the same color or in the color sets. Paint sets or paints of the same color are packed in corrugated boxes.

Advice on common storage : Keep away from food, drink and animal feeding stuffs. Do not store near acids and bases.

Storage period : Absent.

Storage temperature : ≥ 0 °C

7.3 Specific end use(s)

No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components	CAS-No	Control parameters	Basis	Country
Biphenyl-2-ol	90-43-7	TWA: 5 mg/kg (can occur as vapor and aerosol at the same time)	MAK- und BAT-Werte Liste 2015	Germany
2-methyl-2H-isothiazol-	2682-20-4	TWA: 0.05 mg/m ³	BGBl. II Nr. 186/2015	Austria

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Components	CAS-No	Control parameters	Basis	Country
3-one				
2-methyl-2H-isothiazol-3-one	2682-20-4	TWA: 0.2 mg/m ³ (mixture in ratio 1:3 with CAS 26172-55-4, inhalable fraction)	MAK- und BAT-Werte Liste 2015	Germany

PNEC (Predicted No effect Concentration)

PNEC aqua – freshwater:

Biphenyl-2-ol : 0.001 mg/l

PNEC aqua – marine water:

Biphenyl-2-ol : 0 mg/l

PNEC aqua – intermittent releases:

Biphenyl-2-ol : 0.027 mg/l

PNEC sediment – freshwater:

Biphenyl-2-ol : 0.128 mg/kg sediment dw

PNEC sediment – marine water:

Biphenyl-2-ol : 0.013 mg/kg sediment dw

PNEC soil:

Biphenyl-2-ol : 2.5 mg/kg soil dw

PNEC STP:

Biphenyl-2-ol : 0.56 mg/l

DNEL (Derived No Effect Level)/DMEL (Derived Minimal Effect Level)

Worker

Long-term exposure systemic effects, inhalation:

Biphenyl-2-ol : 19.25 mg/m³

Long-term exposure systemic effects, dermal:

Biphenyl-2-ol : 21.84 mg/kg bw day

General population

Long-term exposure systemic effects, oral:

Biphenyl-2-ol : 0.4 mg/kg bw day

8.2 Exposure controls

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Engineering measures

Provide sufficient air exchange and/or exhaust in work rooms. Highly effective exhaust ventilation.

Personal protective equipment

Respiratory protection : Respirator FFP3 (for workers).

Remarks : Use respirators and components tested and approved under appropriate government standards CEN (EU).

Hand protection

Material : Rubber gloves (for workers).

Remarks : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.

Eye protection : Safety glasses (for workers).

Remarks : Use equipment for eye protection tested and approved under appropriate government standards such as EN 166 (EU).

Skin and body protection : Protected shoes and clothes (for workers).

Remarks : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
General industrial hygiene practice.
Avoid formation of dust.
When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.
Wash contaminated clothing before reuse.

Environmental exposure controls

No data available.

SECTION 9: PHYSICAL OEL-SI AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Form	:	Pasty
Colour	:	Depending on the dye.
Odour	:	Slight characteristic.
Odor threshold	:	No data available.
Flash point	:	No applicable.
Lower explosion limit	:	No data available.
Upper explosion limit	:	No data available.
Explosive properties	:	Non-explosive.
Flammability	:	Not flammable.

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Oxidizing properties	:	Non-oxidizing.
Self-ignition temperature	:	No data available.
Melting point/range	:	No data available.
pH	:	No data available.
Boiling point/boiling range	:	No data available.
Vapor pressure	:	No applicable.
Density	:	No data available.
Bulk density	:	No data available.
Water solubility	:	Insoluble.
Miscibility with water (15 °C)	:	Miscible.
Partition coefficient: n-octanol/water	:	No data available.
Solubility in other solvents	:	No data available.
Viscosity, dynamic	:	No applicable.
Viscosity, kinematic	:	No applicable.
Relative vapor density	:	No applicable.
Evaporation rate	:	No data available.
Decomposition temperature	:	No data available.

9.2 Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, moisture, low temperature.

10.5 Incompatible materials

Materials to avoid : Acids and bases.

10.6 Hazardous decomposition products

Hazardous decomposition products : No data available.

Thermal decomposition : No data available.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

Biphenyl-2-ol : LD₅₀ (rat): 2 733 mg/kg bw day
2-methyl-2H-isothiazol-3-one : LD₅₀ (rat): 105 mg/kg bw day
1,2-benzisothiazol-3(2H)-one : LD₅₀ (rat): 1 020 mg/kg bw day

Acute inhalation toxicity

2-methyl-2H-isothiazol-3-one : LC₅₀ (rat): 110 mg/m³
Exposure time: 4h, dust.

Acute dermal toxicity

Biphenyl-2-ol : LD₅₀ (rat): > 2 000 mg/kg bw day
2-methyl-2H-isothiazol-3-one : LD₅₀ (rat): 242 mg/kg bw day

Acute toxicity (other routes of administration)

No data available.

Skin corrosion / irritation

Skin irritation : No irritating.

Serious eye damage / eye irritation

Eye irritation : No irritating.

Sensitization of the respiratory / skin

Skin sensitization : Non skin sensitizing.

Respiratory sensitization : Non respiratory sensitizing.

Mutagenicity

No mutagenic effect.

Carcinogenicity

No carcinogenic effect.

Reproductive toxicity

No reproductive effect.

Teratogenicity

No data available.

Specific target organ toxicity after single exposure

No data available.

Specific target organ toxicity after repeated exposure (sub-acute / sub-chronic)

Repeated dose toxicity: (sub-acute/ sub-chronic)

No data available.

Aspiration hazard

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Not applicable.

Neurological effects

No data available.

Toxicology, metabolism, distribution

No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity to fish:

1,2-benzisothiazol-3(2H)-one : LC₅₀ (Rainbow Trout): 1.6 mg/l
Exposure time: 96 h

2-methyl-2H-isothiazol-3-one : LC₅₀ (Oncorhynchus mykiss): 4.77 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates:

1,2-benzisothiazol-3(2H)-one : LC₅₀ (Daphnia Magna): 1.1 mg/l
Exposure time: 48 h

Toxicity to aquatic plants:

Biphenyl-2-ol : LC₅₀ (Desmodesmus subspicatus): 0.98 mg/l
Exposure time: 72 h

1,2-benzisothiazol-3(2H)-one : LC₅₀ (Green algae): 0.15 mg/l
Exposure time: 72 h

2-methyl-2H-isothiazol-3-one : LC₅₀ (Skeletonema costatum): 0.0695 mg/l
Exposure time: 72 h

Long-term study fish/daphnia and other aquatic invertebrates/aquatic plants:

2-methyl-2H-isothiazol-3-one : NOEC (Pseudokierchneriella subcapitata): 0.024 mg/l
Exposure time: No data available.

12.2 Persistence and degradability

Biodegradability : No data available.

12.3 Bioaccumulation potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT assessment and vPvB

Not PBT and no vPvB.

12.6 Other adverse effects

Additional ecological : The product should not be allowed to enter drains, water

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information

courses or the soil.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Advice on disposal and : Disposal:
packaging

In accordance with local and national regulations. Do not dispose of waste into sewer. This material and its container must be disposed of in a safe way. Do not dispose of together with household waste. Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: TRANSPORT INFORMATION

ADR : Not dangerous goods.

RID : Not dangerous goods.

IATA : Not dangerous goods.

IMDG : Not dangerous goods.

Special precautions for the user

See Section 6, 7 and 8.

SECTION 15: REGULATORY INFORMATION

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

Seveso Directive : Directive 2012/18/EU does not apply.
(2012/18/EU)

Restriction list (Annex XVII to Regulation (EC) No 1907/2006)	: Cadmium sulfoselenide orange (Pigment Orange 20, C.I.77202)	Present
	: Cadmium sulfoselenide red (Pigment Red 108, C.I.77202)	Present

Regulation (EU) No 649/2012	: Cadmium and its compounds	Present
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15.2 CSA

The Chemical Safety Assessment was not undertaken. The product is a mixture.

SECTION 16: OTHER INFORMATION

Hazard statements:

H301 : Toxic if swallowed.
H302 : Harmful if swallowed.
H311 : Toxic in contact with skin.

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- H314 : Causes severe skin burns and eye damage.
- H315 : Causes skin irritation.
- H318 : Causes serious eye damage.
- H319 : Causes serious eye irritation.
- H330 : Fatal if inhaled.
- H335 : May cause respiratory irritation.
- H400 : Very toxic to aquatic life.
- H410 : Very toxic to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.