

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Medium for extra-fine artist's water colours "White Nights"

Revision Date 10.09.2018

Version 1.0

EU / EN

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

#### 1.1 Product identifier

Trade name : Medium for extra-fine artist's water colours "White Nights"

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/ Mixture : Medium for watercolor paints is designed for breeding watercolor paints

#### 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,  
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;

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**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 special hazards have to be mentioned.

## 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.

Dangerous components:

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

Inhalation : If breathed in move person into fresh air. Keep patient warm and at rest.

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- Skin contact : In case of contact flush skin with soap and plenty of water. Seek medical advice if irritation develops and persists.
- 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. Seek medical advice if irritation persists.
- Ingestion : Rinse mouth thoroughly with water. If larger amounts are swallowed or in the event of symptoms take medical treatment.

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

Until now no symptoms known so far.

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

Treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media

- Suitable extinguishing media : Use carbon dioxide, dry chemical, foam or carbon dioxide type fire extinguisher, sand, water spray.
- Unsuitable extinguishing media : Not applicable.

### 5.2 Special hazards arising from the substance or mixture

- Specific hazards : In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); dense black smoke

### 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.

## 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. Evacuate personnel to safe areas. Avoid contact with skin and eyes.

### 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

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Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local or national regulations. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.

### 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 aerosol. Provide appropriate exhaust ventilation at places where aerosol is formed.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

### 7.2 Conditions for safe storage including any incompatibilities

Requirements for storage : Avoid release moisture. Avoid to low temperature. Keep containers and containers in a dry and well-ventilated place.

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

Storage period : 4 years from the date of manufacture

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-3-one	2682-20-4	TWA: 0.05 mg/m <sup>3</sup>	BGBl. II Nr. 186/2015	Austria
2-methyl-2H-isothiazol-3-one	2682-20-4	TWA: 0.2 mg/m <sup>3</sup> (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:

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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/m<sup>3</sup>

#### 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**

### **Engineering measures**

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

### **Personal protective equipment**

Respiratory protection : Respirator FFP2 (for workers).

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

#### Hand protection

Material : Safety gloves (for workers).

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**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 aerosol.  
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 AND CHEMICAL PROPERTIES**

### **9.1 Information on basic physical and chemical properties**

Form	:	Liquid
Colour	:	Depending on the dye.
Odour	:	Characteristic.
Odor threshold	:	No data available.
Flash point	:	No data available.
Lower explosion limit	:	No data available.
Upper explosion limit	:	No data available.
Explosive properties	:	Non-explosive.
Flammability	:	Not flammable.
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 data available.
Density	:	1.05 – 1.1 kg/l at 20 °C
Bulk density	:	Not applicable.
Water solubility	:	Soluble.
Miscibility with water (15 °C)	:	Non - miscible.
Partition coefficient: n-octanol/water	:	No data available.
Solubility in other solvents	:	No data available.

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Viscosity, dynamic	:	No data available.
Viscosity, kinematic	:	No data available.
Relative vapor density	:	No data available.
Evaporation rate	:	No data available.
Decomposition temperature	:	No data available.

### 9.2 Other information

Ignition temperature	:	No data available.
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## 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	:	No data available.
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### 10.6 Hazardous decomposition products

Hazardous decomposition products	:	No data available.
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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	:	LD <sub>50</sub> (rat): 2 733 mg/kg bw day
2-methyl-2H-isothiazol-3-one	:	LD <sub>50</sub> (rat): 105 mg/kg bw day
1,2-benzisothiazol-3(2H)-one	:	LD <sub>50</sub> (rat): 1 020 mg/kg bw day

##### Acute inhalation toxicity

2-methyl-2H-isothiazol-3-one	:	LC <sub>50</sub> (rat): 110 mg/m <sup>3</sup> Exposure time: 4h, dust.
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##### Acute dermal toxicity

Biphenyl-2-ol	:	LD <sub>50</sub> (rat): > 2 000 mg/kg bw day
2-methyl-2H-isothiazol-3-one	:	LD <sub>50</sub> (rat): 242 mg/kg bw day

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### 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**

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 : LC<sub>50</sub> (Rainbow Trout): 1.6 mg/l  
Exposure time: 96 h

2-methyl-2H-isothiazol-3-one : LC<sub>50</sub> (Oncorhynchus mykiss): 4.77 mg/l  
Exposure time: 96 h



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### Toxicity to daphnia and other aquatic invertebrates:

1,2-benzisothiazol-3(2H)-one : LC<sub>50</sub> (Daphnia Magna): 1.1 mg/l  
Exposure time: 48 h

### Toxicity to aquatic plants:

Biphenyl-2-ol : LC<sub>50</sub> (Desmodesmus subspicatus): 0.98 mg/l  
Exposure time: 72 h

1,2-benzisothiazol-3(2H)-one : LC<sub>50</sub> (Green algae): 0.15 mg/l  
Exposure time: 72 h

2-methyl-2H-isothiazol-3-one : LC<sub>50</sub> (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 information : The product should not be allowed to enter drains, water courses or the soil.

## SECTION 13: DISPOSAL CONSIDERATIONS

### **13.1 Waste treatment methods**

Advice on disposal and packaging : Disposal:  
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

### **Land transport ADR/RID**

Non-dangerous goods

#### **14.1. UN number**

UN -

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### 14.2. UN proper shipping name

-

### 14.3. Transport hazard class(es)

Class

-

Label

-

### 14.4. Packing group

Packing group

-

Transport category

0

### 14.5. Environmental hazards

-

### Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

### 14.1. UN number

UN -

### 14.2. UN proper shipping name

-

### 14.3. Transport hazard class(es)

Class

-

Subsidiary risk

-

### 14.4. Packing group

Packing group

-

### 14.5. Environmental hazards

no

### Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

### 14.1. UN number

UN -

### 14.2. UN proper shipping name

-

### 14.3. Transport hazard class(es)

Class

-

Subsidiary risk

-

### 14.4. Packing group

Packing group

-

### 14.5. Environmental hazards

-

### Information for all modes of transport

#### 14.6. Special precautions for user

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### Other information

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

no

## SECTION 15: REGULATORY INFORMATION

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

VOC VOC (EU) 0,05 % 0,5 g/l

### Other information

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The product does not contain substances of very high concern (SVHC).

### Other information

All components are contained in the TSCA inventory or exempted.

All components are contained in the AICS inventory.

All components are contained in the PICCS inventory.

All components are contained in the DSL or NDSL inventory.

All components are contained in the IECSC inventory.

All components are contained in the ECL inventory.

### 15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

### R-phrases listed in Chapter 3

36 Irritating to respiratory system and skin.

#### Hazard statements:

### Hazard statements listed in Chapter 3

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H305 Toxic in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye irritation.

H319 Causes serious eye irritation.

H332 Toxic if inhaled.

H335 May cause respiratory irritation

H400 Very toxic to aquatic life.

H413 May cause long lasting harmful effects to aquatic life

### CLP categories listed in Chapter 3

Acute Tox. 4 Acute toxicity, Category 4

Aquatic Acute 1 Hazardous to the aquatic environment, acute, Category 1

Eye Dam. 1 Serious eye damage, Category 1

Skin Irrit. 2 Skin irritation, Category 2

Skin Sens. 1 Skin sensitization, Category 1

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.