

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Artists' water colour «Ladoga»

Date 19.01.2024

Version 3.0

EU / EN

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

#### 1.1 Product identifier

Trade name : Artists' water colour «Ladoga»  
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 - : Artists colors.

#### 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 Antifgifcentrum, 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;

**Litva:** Apsinuodijimų kontrolės ir informacijos biuras, visą parą, tel. (8-5) 236 20 52, mob.

Tel. 8 687 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.

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Artists' water colour «Ladoga»

Date 19.01.2024

Version 3.0

EU / EN

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Classification according to REGULATION (EC) No 1272/2008

The product does 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

#### Hazard pictograms



#### Signal word

Warning! Contains zinc oxide.

#### Hazard statements

#### Hazard statements

H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

#### Precautionary statements

P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P270	Do not eat, drink or smoke when using this product
P273	Avoid release to the environment
P391	Collect spillage

#### Supplemental information

### 2.3 Other hazards

No special hazards have to be mentioned.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Chemical characterization  
pigment  
gum Arabic  
water

#### CAS-Number

EINECS / ELINCS / NLP  
EU index number  
Customs tariff number

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Artists' water colour «Ladoga»

Date 19.01.2024

Version 3.0

EU / EN

REACH registration No.  
RTECS-no.  
Hazchem-Code  
CI-Number

### 3.2 Mixtures

Substance 1

Chemical Name	Concentration, wt. %	CAS-No	EC-No / Registration number	Index-No	CLP
Zinc oxide (Pigment White 4)	<50	1314-13-2	215-222-5	030-013-00-7	Aquatic Acute; H400 / Aquatic Chronic 1; H410

#### Additional information

The colours zinc white contain zinc oxide (see section 12).

Further information: annex

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

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. 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 all firefighting media

Unsuitable extinguishing media : Not applicable.

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

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Artists' water colour «Ladoga»

Date 19.01.2024

Version 3.0

EU / EN

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.

### 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 aerosol 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 container in a dry and well-ventilated place.

Store in plastic pans (vol. 2.7 ml) or tube (vol. 10 ml).

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 :  $\geq 0$  °C

### 7.3 Specific end use(s)

No data available.

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Artists' water colour «Ladoga»

Date 19.01.2024

Version 3.0

EU / EN

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

##### CAS 1314-13-2 zinc oxide

DEU	E-dust	1,250	mg/m <sup>3</sup>	4 (I)
DEU		10,000	mg/m <sup>3</sup>	2 (II)

#### 8.2 Exposure controls

##### Occupational exposure controls

##### Respiratory protection

With the formation of dust, use a dust mask/

##### Hand protection

Protect skin by using skin protective cream

##### Eye protection

Goggles

##### Body protection

Wear suitable protective clothing. Wash contaminated clothing prior to re-use

##### General protection and hygiene measures

After work, wash hands and face.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Form	:	Semi-dry
Colour	:	Pigmented
Odour	:	Almost odourless
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.
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	:	1.5-2.5 kg/l
Bulk density	:	Not applicable.
Water solubility	:	Insoluble.
Miscibility with water (15 °C)	:	Non - miscible.
Partition coefficient: n-octanol/water	:	No data available.
Solubility in other solvents	:	No data available.
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.

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Artists' water colour «Ladoga»

Date 19.01.2024

Version 3.0

EU / EN

### 9.2 Other information

Ignition temperature : No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2 Chemical stability

Product is stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Heat, moisture, frost.

### 10.5 Incompatible materials

Strong acids oxidizing agents. Strong alkali

### 10.6 Hazardous decomposition products

No know hazardous decomposition products

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

CAS 1314-13-2 zinc oxide

oral	LD50	Rat	>	10000,000	mg/kg bw	-
inhalative	LC50	Rat	>	5,700	mg/l	(4h)

### Acute toxicity

#### In case of inhalation

No data available

#### After swallowing

No data available

#### In case of skin contact

No data available

#### After eye contact

No data available

### Practical experience

### General remarks

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Toxicological effects

CAS 1314-13-2 zinc oxide

EC50	Algae		0,170	mg/l	(72h)
------	-------	--	-------	------	-------

### Aquatic toxicity

#### Water Hazard Class 2

#### WGK catalog number

#### General information

### 12.2 Persistence and degradability

#### Further details

Product is partially biodegradable.

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Artists' water colour «Ladoga»

Date 19.01.2024

Version 3.0

EU / EN

### Oxygen demand

### 12.3 Bioaccumulative potential

Bioconcentration factor (BCF)

Partition coefficient: n-octanol/water

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

No data available

### 12.6 Other adverse effects

### General information

Ecotoxicological effects

## 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

### 14.1 UN number

### 14.2 UN proper shipping name

ADR, ADN No dangerous good in sense of these transport regulations.

IMDG, IATA

### 14.3 Transport hazard class(es)

ADR, ADN

IMDG IATA

### 14.4 Packing group

### 14.5 Environmental hazards

Marine Pollutant - IMDG

Marine Pollutant - ADN

### 14.6 Special precautions for user

Land transport

Code: ADR/RID

Kemmler-number

Hazard label ADR

Limited quantities

Contaminated packaging: Instructions

Contaminated packaging: Special provisions

Special provisions for packing together

Portable tanks: Instructions

Portable tanks: Special provisions

Tank coding

Tunnel restriction

Remarks

EQ

Special provisions

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Artists' water colour «Ladoga»

Date 19.01.2024

Version 3.0

EU / EN

### Inland waterway craft

Hazard label  
Limited quantities  
Transport permitted  
Equipment necessary  
Ventilation  
Remarks  
EQ  
Special provisions

### Sea transport

EmS  
Special provisions  
Limited quantities  
Contaminated packaging: Instructions  
Contaminated packaging: Special provisions I  
BC: Instructions  
IBC: Provisions  
Tank instructions IMO  
Tank instructions UN  
Tank instructions  
Special provisions  
Stowage and segregation  
Properties and observations  
Remarks  
EQ

### Air transport

Hazard  
Passenger  
Passenger LQ  
Cargo  
ERG  
Remarks  
EQ  
Special Provisioning

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

## SECTION 15: REGULATORY INFORMATION

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

#### Europe

Contents of VOC [%] 0

Contents of VOC [g/L]

Further regulations, limitations and legal requirements



# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

## Artists' water colour «Ladoga»

Date 19.01.2024

Version 3.0

EU / EN

### Germany

Storage class  
Water Hazard Class 2  
WGK catalog number  
Incident regulation  
Information on working limitations  
Further regulations, limitations and legal requirements

### Denmark

Further regulations, limitations and legal requirements

### Hungary

Further regulations, limitations and legal requirements

### Great Britain

Further regulations, limitations and legal requirements

### Switzerland

Contents of VOC [%] 0.0 %  
Further regulations, limitations and legal requirements

### USA

Further regulations, limitations and legal requirements  
Federal Regulations  
State Regulations

### Japan

Further regulations, limitations and legal requirements

### Canada

Further regulations, limitations and legal requirements

---

## SECTION 16: OTHER INFORMATION

### Hazard statements:

H400 : Very toxic to aquatic life  
H410 : Very toxic to aquatic life with long lasting effect

### **Further information**

This information is based on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.

### **Literature**

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

### **Reason of change**

### **Additional information**

# SAFETY DATA SHEET

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

NEVSKAYA  PALITRA

**Artists' water colour «Ladoga»**

Date 19.01.2024

Version 3.0

EU / EN

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision.  
It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

# SAFETY DATA SHEET

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



## Artists' water colour „Ladoga“

Date 19.01.2024

Version 3.0 EU / EN

### Appendix for material safety data sheet Artists' water colour “Ladoga”

art.nr.	art.name	C.I.	Pigments	CAS-nr.
100	Zinc white	P.W.4	zinc oxide	1314-13-2
214	Lemon	P.Y.3	Arylamide Yellow	6486-23-3
211	Yellow	P.Y.151	Benzimidazolone	31837-42-0
218	Yellow ochre	P.Y.42	Sinthetic iron oxide	51274-00-1
405	Raw Sienna	P.Br.7	earth pigment	12713-03-0
216	Golden	P.Y.3 P.O.13	Arylamide Yellow, Disazopyrazolone	6486-23-3, 3520-72-7
320	Orange lake	P.O.17	Monoazo	15782-04-4
309	Red ochre	P.R.102	Natural iron oxide	1345-27-3
321	English red	P.R.101	Synthetic iron oxide	1309-37-1
318	Scarlet	P.R.188	BON Arylamide (Naphthol AS)	61847-48-1
322	Rose	P.R.81	Rhodamine red	12224-98-5
313	Madder lake red light	P.R.187	Naphthol Red	59487-23-9
608	Violet rose	P.V.2	PTMA toner	1326-04-1
510	Blue lake	P.B.1	PTMA toner	1325-87-7
511	Ultramarine light	P.B.29	sodium alumina silicate	57455-37-5
509	Bright blue	P.B.15:3	Phthalocyanine (Cu)	147-14-8
507	Turquoise blue	P.B.15:3 P.G.7	Phthalocyanine (Cu), Chlorinated copper phthalocyanine	147-14-8, 1328-53-6
718	Yellowish green	P.Y.3 P.G.7	Arylamide Yellow, Chlorinated copper phthalocyanine	6486-23-3, 1328-53-6
725	Green	P.G.8	Naphthol Green	16143-80-9
713	Emerald green	P.G.7	Chlorinated copper phthalocyanine	1328-53-6
418	Umber	P.Y.43 P.Y42 P.Bk.7	Natural iron oxide, Synthetic iron oxide, Lamp black	1343-81-3, 51274-00-1, 1333-86-4
408	Burnt umber	P.Br.7	Earth pigment	12713-03-0
413	Sepia	P.R.102 P.R.187 P.Bk.7	natural red iron oxide, monoazo barium salt, lamp black	1309-37-1, 59487-23-9, 1333-86-4
805	Neutral black	P.R.187 P.B.15:1 P.Bk.7	Naphthol Red, Copper Phthalocyanine, lamp black	59487-23-9, 147-14-8, 1333-86-4
202	Cadmium yellow deep (HUE)	P.Y.2	Arylamide Yellow	6486-26-6
249	Golden yellow	P.Y.3 P.O.13	Arylamide Yellow, Disazopyrazolone	6486-23-3, 3520-72-7
304	Cadmium orange (HUE)	P.Y.83 P.O.13	Diarylide Yellow, Disazopyrazolone	5567-15-7, 3520-72-7
300	English red	P.R.101	Synthetic iron oxide	1309-37-1
311	Shakhnazarskaya red	P.R.102	Natural iron oxide	1345-27-3
312	Vermilion (HUE)	P.R.188 P.Y.154	BON Arylamide (Naphthol AS), Benzimidazolone	61847-48-1, 68134-22-5
375	Bright scarlet	P.R.2 P.R.4	Naphthol Red, Clorinatide para red	6041-94-7, 2814-77-9
306	Cadmium purple (HUE)	P.R.4 P.R.170 P.V.2	Clorinatide para red, Naphthol Red, PTMA toner	2814-77-9, 2786-76-7, 1326-04-1
319	Carmine	P.R.170:1	Naphthol Red	2786-76-7
540	Phthalocyanine bright blue	P.B.15:3	Phthalocyanine (Cu)	147-14-8
520	Blue light	P.B.15:6	Epsilon Copper Phthalocyanine	147-14-8
501	Ultramarine light	P.B.29	sodium alumina silicate	57455-37-5

# SAFETY DATA SHEET

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



## Artists' water colour „Ladoga“

Date 19.01.2024

Version 3.0

EU / EN

539	Persian blue	P.B.1	PTMA toner	1325-87-7
703	Phthalocyanine green	P.G.7	Chlorinated copper phthalocyanine	1328-53-6
705	Cobalt green deep (HUE)	P.G.7 P.O.36 P.B.15:0	Chlorinated copper phthalocyanine, Benzimidazolone, Copper phthalocyanine	1328-53-6, 12236-62-3, 147-14-8
748	Spring green	P.Y.3 P.G.36	Chlorinated copper Phthalocyanine, Brominated copper phthalocyanine	1328-53-14302-13-76,
403	Mars brown deep	P.R.102 P.Y.42 P.Bk.7	Natural iron oxide, Synthetic iron oxide, Lamp black	1345-27-3, 51274-00-1, 1333-86-4
820	Lamp black warm	P.Bk.7 P.V.3	Lamp black, Triarylcarbonium	1333-86-4, 1325-82-2