



NATURAL PIGMENTS

Safety Data Sheet Lead White Artist Oil

SECTION 1: Identification

1.1 Product identifier

Product name	Lead White Artist Oil
Product number	820-802, 820-803
Brand	Rublev Colours

1.2 Other means of identification

Not available

1.3 Recommended use of the chemical and restrictions on use

Fine art painting and decorative coatings

1.4 Supplier's details

Name	Natural Pigments
Address	291 Shell Lane Willits, CA 95490 United States
Telephone	707-459-9998
Fax	408-516-9442
email	service@naturalpigments.com

1.5 Emergency phone number(s)

707-459-9998

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 1
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1
- Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 2
- Toxic to reproduction (chapter 3.7), Cat. 1A
- Toxic to reproduction (chapter 3.7), Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram

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Signal word

Danger

Hazard statement(s)

H302	Harmful if swallowed
H315	Causes skin irritation
H360	May damage fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312+P330	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P391	Collect spillage.
P405	Store locked up.
P501	Dispose of contents/container to in accordance with local/regional/national/international regulations.

2.3 Other hazards which do not result in classification

Not classified.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Basic lead carbonate

Concentration	60 - 80 %
EC no.	215-290-6
CAS no.	1319-46-6
Index no.	082-001-00-6

- Acute toxicity, oral (chapter 3.1), Cat. 4
- Acute toxicity, inhalation (chapter 3.1), Cat. 4
- Toxic to reproduction (chapter 3.7), Cat. 1A
- Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 2
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 1

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H302	Harmful if swallowed
H332	Harmful if inhaled
H360	May damage fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

2. Linseed oil

Concentration	20 - 40 %
EC no.	232-278-6
CAS no.	8001-26-1

- Eye damage/irritation (chapter 3.3), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 2A
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H315	Causes skin irritation
H319	Causes serious eye irritation

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Not applicable.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Personal protective equipment for first-aid responders	No data available

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Lead: To avoid further damage, those with kidney, neurological or blood disease should avoid exposure. Exposure during pregnancy should be avoided.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water fog, water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

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Carbon oxides, Lead oxides. Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Special protective actions for fire-fighters

Self-contained breathing apparatus and full protective clothing must be work in case of fire.

Further information

Do not use water jet as an extinguisher, as this will spread fire. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Ventilate well. Avoid breathing mist. Wear suitable protective clothing.

6.2 Environmental precautions

Do not discharge into drains, watercourses or onto the ground.

6.3 Methods and materials for containment and cleaning up

Spill clean-up restrictions apply. Absorb spillage with suitable absorbent material.

Reference to other sections

For waste disposal, see Section 13 of the SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Read label before use. Do not handle until all safety precautions have been read and understood. Pregnant women should not work with the product, if there is the least risk of exposure. Avoid contact with skin and eyes. Wear personal protective equipment. Wash thoroughly after handling. Avoid breathing mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Store locked up. Store in original tightly closed container. Keep out of the reach of children.

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

CAS: 1319-46-6 (EC: 215-290-6)

Basic lead carbonate

ACGIH (United States): 0.05 mg/m³ TWA air; NIOSH (United States): 0.05 mg/m³ TWA air

CAS: 8001-26-1 (EC: 232-278-6)

Linseed oil

8.2 Appropriate engineering controls

Provide adequate ventilation.

8.3 Individual protection measures, such as personal protective equipment (PPE)

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Pictograms



Eye/face protection

Wear approved safety glasses or goggles.

Skin protection

Wear chemical resistant gloves required for prolonged or repeated exposure. Suitable gloves can be recommended by the glove supplier. Always observe good personal hygiene measure, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Private clothes and working clothes should be kept separately.

Body protection

Wear protective clothing appropriate for the risk of exposure.

Respiratory protection

If ventilation is not sufficient to effectively prevent buildup of aerosols or mists, appropriate NIOSH/MSHA respiratory protection must be provided.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Semisolid paste
Odor	Oily
Odor threshold	Not available
pH	Not available
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability limits	Not available
Upper/lower explosive limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	2.6
Solubility(ies)	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Not available
Oxidizing properties	Not available

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Other safety information
Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable at normal conditions.

10.2 Chemical stability

Material is stable under normal conditions.

10.3 Possibility of hazardous reactions

Will not occur.

10.4 Conditions to avoid

Contact with incompatible materials.

10.5 Incompatible materials

Basic lead carbonate : Strong oxidizing agents and strong acids.

Linseed oil: Strong oxidizing agents.

10.6 Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Harmful if swallowed.

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/irritation

May cause eye irritation.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

May cause cancer.

Reproductive toxicity

May damage fertility. May damage the unborn child.

Summary of evaluation of the CMR properties

IARC Monographs. Overall Evaluation of Carcinogenicity

Lead carbonate hydroxide (CAS 1319-46-6) 2A Probably carcinogenic to humans.

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NTP Report on Carcinogens

Lead carbonate hydroxide (CAS 1319-46-6) Reasonably Anticipated to be a Human Carcinogen.

STOT-single exposure

No data available.

STOT-repeated exposure

May cause damage to organs (Central Nervous System, Kidney, Blood) though prolonged or repeated exposure.

Aspiration hazard

Not classified.

Additional information

Lead is accumulated in the body and may cause damage to the brain and nervous system after prolonged exposure. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood.

SECTION 12: Ecological information

Toxicity

Very toxic to aquatic life with long lasting effects.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available.

SECTION 13: Disposal considerations

Disposal of the product

Contract with a licensed disposal operator. Collect and reclaim or dispose in sealed containers at a licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Must be incinerated in a suitable incineration plant holding a permit delivered by competent authorities. Do not discharge into drains, watercourses or onto the ground. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations(40CFR261.4(b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Disposal of contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Waste treatment

When your own waste water treatment plant is not available, collect entire waste and then charge to a licensed industrial waste management professional with manifests for industrial waste.

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Sewage disposal

Dispose in accordance with all applicable regulations.

Other disposal recommendations

Hazardous waste code: D008: Waste Lead

SECTION 14: Transport information

DOT (US)

UN Number: UN3082

Class: 9

Packing Group: III

UN Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Lead carbonate hydroxide)

Environmental Hazards

Marine pollutant: Yes

Special Precautions for user: Read safety instructions, SDS and emergency procedures before handling.

Special Provisions: 8, 146, 335, IB3, T4, TP1, TP29

Packaging Exceptions: 155

Packaging Non Bulk: 203

Packaging Bulk: 241

IMDG

UN Number: UN3082

Class: 9

Subsidiary Classes: -

Packaging Group: III

UN Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Lead carbonate hydroxide)

Environmental Hazards

Marine pollutant: Yes

Labels Required: 9

EMS Number: F-A, S-F

IATA

UN Number: UN3082

Class: 9

Subsidiary Classes: -III

Packaging Group: Yes

UN Proper Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Lead carbonate hydroxide)

Environmental Hazards: 9

Labels Required: 9L

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Yes

SARA 313 Components

Lead carbonate hydroxide

CAS-No. 1319-46-6

Revision Date: 1993-04-24

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California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.

Lead carbonate hydroxide

CAS-No. 1319-46-6

Revision Date: 1993-04-24

Massachusetts Right To Know Components

Lead carbonate hydroxide

CAS-No. 1319-46-6

Revision Date: 1993-04-24

Linseed oil

CAS number: 8001-26-1

New Jersey Right To Know Components

Lead carbonate hydroxide

CAS-No. 1319-46-6

Revision Date: 1993-04-24

Pennsylvania Right To Know Components

Lead carbonate hydroxide

CAS-No. 1319-46-6

Revision Date: 1993-04-24

Linseed oil

CAS number: 8001-26-1

Australian Inventory of Chemical Substances (AICS)

Yes

Canadian Domestic Substances List (DSL)

No

Canadian Non-Domestic Substances List (NDSL)

Yes

Inventory of Existing Chemical Substances in China (IECSC)

Yes

European Inventory of Existing Commercial Chemical Substances (EINECS)

Yes

Japanese Existing and New Chemical Substances (ENCS)

Yes

Korean Existing Chemicals List (KECL)

Yes

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Yes

Toxic Substances Control Act (TSCA) Inventory

Yes

New Zealand Inventory

Yes

US Toxic Substances Control Act (TSCA) Inventory

Yes

15.2 Chemical Safety Assessment

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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HMIS Rating

Lead White Artist Oil	
HEALTH	* 2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Natural Pigments be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Natural Pigments has been advised of the possibility of such damages.

16.2 Preparation information

George O'Hanlon

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