



NATURAL PIGMENTS

Safety Data Sheet Lead White Artist Oil

SECTION 1: Identification

1.1 GHS Product identifier

Product name	Lead White Artist Oil
Brand	Rublev Colours

1.2 Other means of identification

Lead White #1 820-802
Lead White #2 820-803
Crystal Lead White 820-805
Mica Lead White 820-806
Venetian White 820-808
Ceruse 820-809
Lead-Titanium White 820-820

1.3 Recommended use of the chemical and restrictions on use

Fine art painting. Not for use by children.

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

INFOTRAC 1-800-424-9300 within North America or +1-352-323-3500 domestically or internationally.
Account Number 115514

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200, 2012)

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

2.2 GHS label elements, including precautionary statements

Pictograms



1. Exclamation mark; 2. Health hazard; 3. Environment

Signal word

Danger

Hazard statement(s)

H302	Harmful if swallowed
H332	Harmful if inhaled
H351	Suspected of causing cancer by swallowing.
H360	May damage fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
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/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER if you feel unwell,
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER if you feel unwell.
P314	Get medical advice/attention if you feel unwell.
P330	Rinse mouth.
P405	Store locked up.
P501	Dispose of contents/container in accordance with specified 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

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Hazardous components

Component	CAS no.	Concentration
Lead carbonate (Index no.: 082-001-00-6) (volume)	1319-46-6	>= 60 - <= 80 %
CLASSIFICATIONS: No data available. HAZARDS: No data available.		
LINSEED OIL	8001-26-1	20 - 20 % (volume)
CLASSIFICATIONS: No data available. HAZARDS: No data available.		

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

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 worn 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.

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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)

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

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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

Appearance, such as physical state and colour	Semisolid paste
Odour	Oily
Odour threshold	Not available
pH	Not available
Melting point and freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability, in the case of solids and gases	Not available
Upper and lower flammability or explosive limits	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	2.6
Solubility	Not available
Partition coefficient — n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available

Additional properties

Physical state	Solid
Colour	White
Explosive properties	Not available
Oxidising properties	Not available

Particle characteristics

N/A

Further safety characteristics (supplemental)

Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable at normal conditions.

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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.

// ----- From the Suggestion report (11/14/2024, 4:57 PM) ----- //

The ATE (gas inhalation) of the mixture is: 5625 ppmV

// ----- From the Suggestion report (11/14/2024, 4:57 PM) ----- //

The ATE (oral) of the mixture is: 625 mg/kg bw

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.

NTP Report on Carcinogens

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

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Specific target organ toxicity (STOT) - single exposure

No data available.

Specific target organ toxicity (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.

LINSEED OIL:

TOXICITY:

Not available

AQTX/TLM96: Not available

SAX TOXICITY EVALUATION:

THR: An allergen and skin irritant to humans.

CARCINOGENICITY: Not available

MUTATION DATA: Not available

TERATOGENICITY: Not available

STANDARDS, REGULATIONS & RECOMMENDATIONS:

OSHA: None

ACGIH: None

NIOSH Criteria Document: None

NFPA Hazard Rating: Health (H): 0

Flammability (F): 1

Reactivity (R): 0

H0: Materials which on exposure under fire conditions would offer no hazard beyond that of ordinary combustible material (see NFPA for details).

F1: Materials that must be preheated before ignition can occur (see NFPA for details).

R0: Materials which are normally stable even under fire exposure conditions and which are not reactive with water (see NFPA for details).

OTHER TOXICITY DATA:

Skin and Eye Irritation Data:

skn-hmn 300 mg/3D-I MOD

Status: EPA TSCA Chemical Inventory, 1989

EPA TSCA Test Submission (TSCATS) Data Base, April 1990

Lead carbonate: Reproductive Toxicity:

Lead and other smelter emissions are human reproductive hazards. (Chemical Council on Environmental Quality; Chemical Hazards to Human Reproduction, 1981).

Carcinogenicity: For lead and inorganic lead compounds:

EPA / IRIS classification: Group B2 - Probable human carcinogen, sufficient animal evidence.

SECTION 12: Ecological information

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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 methods

Product disposal

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.

Packaging disposal

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.

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

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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

Australian Inventory of Chemical Substances (AICS)

Yes

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

Chemical name: Lead carbonate

CAS number: 1319-46-6

03/01/2007 - Developmental

Canadian Domestic Substances List (DSL)

No

Chemical name: Linseed oil

CAS number: 8001-26-1

Canadian Non-Domestic Substances List (NDSL)

Yes

European Inventory of Existing Commercial Chemical Substances (EINECS)

Yes

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Inventory of Existing Chemical Substances in China (IECSC)

Yes

Japanese Existing and New Chemical Substances (ENCS)

Yes

Korean Existing Chemicals List (KECL)

Yes

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

New Zealand Inventory

Yes

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

Chemical name: Linseed oil

CAS number: 8001-26-1

Philippine Inventory of Chemicals and Chemical Substances (PICCS)

Yes

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

Toxic Substances Control Act (TSCA) Inventory

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Yes

US EPA TSCA public inventory

Chemical name: LINSEED OIL

CAS number: 8001-26-1

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.

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.