TRUSTED by ARTISTS WORLDWIDE

SAFETY DATA SHEET

DALER ♦ ROWNEY

GEORGIAN OIL – ZINC WHITE

1. Identification of the mixture and of the company

1.1 Product identifiers

Product name	Georgian Oil – Zinc White
Product number	111-xxx-001
Brand	Daler-Rowney
CAS-No	Not Applicable

1.2 Relevant identified uses of the mixture and uses advised against

Identified uses	Artists, Art students

1.3 Details of the supplier of the safety data sheet

Company	Daler-Rowney Ltd Peacock Lane Bracknell, RG12 8SS England
Telephone	+44 (0)1344 461083
E-mail address	celine.griot@daler-rowney.com

1.4 Emergency telephone number

Emergency phone #	+44 (0)1344-461000

2. Hazard identification

2.1 Classification of the mixture

Classification according to the Regulation (EC) No 1272/2008 (EU-GHS / CLP)
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

For the full text of the H-statements mentioned in this section, see section 16.

Classification according to the EU Directives 67/548/EEC or 1999/45/EC
Very toxic to aquatic life, may cause long-term adverse effects in the aquatic environment.

N, dangerous to the environment R50/53

2.2 Label elements

Pictogram

Signal word WARNING

Hazard statement

H410 very toxic to aquatic life with long lasting effects

Precautionary statements

P273 avoid release to the environment

P391 collect spillage

P501 dispose of contents in accordance with local authority requirements

Classification according to the EU Directives 67/548/EEC or 1999/45/EC

Hazard symbol N dangerous for the environment

R-phrase(s)

R50/53 very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases(s)

S60 This material and its container must be disposed of as hazardous waste

S61 Avoid release to the environment. Refer to special instructions/safety data sheet

3. Composition / information on ingredients

Hazardous ingredients according to Regulation (EC) No 1272/2008

Colour	Product No.	Chemical	Cas-No.	Ec No	Index-No.	Classification	Concentration
Zinc White	111-xxx-001	Zinc oxide	1314-13-2	215-222-5	030-013-00-7	Acute Tox. 1, H410, P273, P391,P501	30-35%

Hazardous ingredients according to Directive 1999/45/EC

Colour	Product No.	Chemical	Cas-No.	Ec No	Index-No.	Classification	Concentration
Zinc White	111-xxx-001	Zinc oxide	1314-13-2	215-222-5	030-013-00-7	N, R50/53, S60, S61	30-35%

For the full text of the H-statements, and R-phrases mentioned in this section, see section 16.

4. First aid measures

4.1 Description of first aid measures

General advice
Seek medical attention. Show this safety data sheet to the doctor in attendance.

If inhaled
Not applicable

In case of skin contact
Wash affected area with plenty of soap and water. DO NOT use solvents. Seek medical attention if irritation persists.

In case of eye contact
Remove any contact lenses. Promptly wash eyes with plenty of water for at least 15 minutes. Get medical attention if any discomfort continues.

If swallowed
DO NOT induce vomiting. Flush mouth with clean water. NEVER give anything by mouth to an unconscious person. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

The most important known effects are described in section 2.2.

4.3 Indication of immediate medical attention and special treatment needed

No data available.

5. Fire fighting measures

5.1 Extinguishing media

Use foam, carbon dioxide, or dry powder.

5.2 Special hazards arising from the mixture

Dense black smoke occurs during fire. Hazardous decomposition by-products may form with exposure to high temperatures.
Formation of carbon oxides can arise.

5.3 Advice for firefighters

Wear self-contained breathing apparatus if necessary.

5.4 Further information

No data available

6. Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition.

6.2 Environmental precautions

Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Absorb in vermiculite or dry sand.

6.4 reference to other sections

For disposal see section 13.

7. Handling and Storage

7.1 Precautions for safe handling

Observe good standard of hygiene. DO NOT eat, drink, or smoke while using. Wash hands after use.

7.2 Conditions for safe storage, including any incompatibilities

Reseal tube when not in use. Store at room temperature.

7.3 Specific end use(s)

Used for oil painting.

8. Exposure controls / Personal protection

8.1 Control parameters

Not known

8.2 Exposure controls

Eye / Face protection
If risk of splashing, wear safety goggles.

Skin protection
Use suitable protective gloves if risk of skin contact

Respiratory protection
Not required

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	white paste
Odour	vegetable oil
Odour Threshold	no data available
pH	not applicable
Melting point	no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	1.8 g/mL at 20 °C
Water solubility	insoluble
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidising properties	no data available

9.2 Other Safety Information

Miscible with oil

10. Stability and Reactivity

10.1 Reactivity

Possible spontaneous combustion of rags / clothes soaked in linseed oil and oil paints.

10.2 Chemical Stability

Stable under normal temperature conditions

10.3 Possibility of Hazardous Reactions

Possible spontaneous combustion of rags / clothes soaked in linseed oil and oil paints.

10.4 Conditions to avoid

Keep away from combustible materials.

10.5 Incompatible materials

Not known

10.6 Hazardous decomposition products

Not known

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity
No data available

Skin corrosion / irritation
No data available

Serious eye damage / eye irritation
No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
No data available

Reproductive toxicity
No data available

Specific target organ toxicity – single exposure
No data available

Specific target organ toxicity – repeated exposure
No data available

Aspiration hazard
No data available

12. Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment method

Product
Dispose of in accordance with local regulations.
Waste should not be disposed of by release to sewers

Contaminated packaging
Dispose of as unused product.

14. Transport information

14.1 UN number

ADR/RID: 3082 IMDG: 3082 IATA: 3082

14.2 UN proper shipping name

ADR/RID: Environmentally hazardous substance, liquid, N.O.S

IMDG: Environmentally hazardous substance, liquid, N.O.S

IATA: Environmentally hazardous substance, liquid, N.O.S

14.3 Transport hazard class(es)

ADR/RID: 9	IMDG: 9	IATA: 9

14.4 Packaging group

ADR/RID: III	IMDG: III	IATA: III

14.5 Environmental hazards

ADR/RID: yes	IMDG Marine Pollutant: yes	IATA: yes

14.6 Special precautions for user

No data available

15. Regulatory Information

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health, and environment regulations/legislation specific for the mixture

No data available

15.2 Chemical safety assessment

No data available

16. Other information

Full text of H-Statements referred to under sections 2 and 3

Acute Tox.	Acute toxicity
H400	very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

Full text of R-phrases referred to under sections 2 and 3

N	dangerous to the environment
R50/53	very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Further information

DISCLAIMER

The above information is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness.