

SAFETY DATA SHEET

Orcein

1. IDENTIFICATION

Product Identifiers

Product Name: Orcein
Other Names: Natural Red 28
Product Number(s): C133, C1331, C1332, C1335
CAS Number: 1400-62-0 2-0

Recommended use of the chemical and restriction on use

Laboratory use.

Company Details

ProSciTech Pty Ltd
11 Carlton Street
KIRWAN QLD 4817
Australia

(07) 4773 9444
www.proscitech.com

Emergency Contact Details

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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not a hazardous substance or mixture.

Label Elements

Signal Words

None

Hazard Statement(s)

No further relevant information available.

Precautionary Statement(s)

No further relevant information available.

Primary route(s) of entry

Not available.

Human Health

Inhalation:	No further relevant information available.
Ingestion:	No further relevant information available.
Eyes:	No further relevant information available.
Skin:	No further relevant information available.

Environment

Not available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	Content (w/w)	Classification
Orcein	1400-62-0	90-100%	-

4. FIRST AID MEASURES

Ingestion

Do not induce vomiting without medical advice. Rinse with water. Consult physician.

Inhalation

Move to fresh air. Consult a physician.

Skin Contact

Rinse with plenty of soap & water and seek medical advice.

Eye Contact

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Other Information

Treat symptomatically and supportively.

5. FIREFIGHTING MEASURES

Suitable extinguishing equipment

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

HAZCHEM

Carbon & nitrogen oxides.

Special protective equipment and precautions for fire fighters

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use proper personal protective equipment as indicated in Section 8.

Environmental precautions

Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Methods and materials for containment and clean up

Not available.

7. HANDLING AND STORAGE

Precautions for safe handling

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust, vapour, mist, or gas. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Conditions for safe storage

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards

Engineering controls

Facilities storing or utilising this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal protective equipment

Eye and face protection

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin protection

Wear appropriate protective gloves to prevent skin exposure. 0.11mm thick nitrile.

Body protection

Wear appropriate protective clothing to prevent skin exposure.

Respiratory protection

Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved

respirator when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance	Purple - dark brown-black powder.
Odour	Not available.
pH	Not available.
Vapour Pressure	Not available.
Density	Not available.
Boiling Point	Not available.
Melting Point	Not available.
Solubility	Not available.
Specific Gravity of Density	Not available
Flash Point	Not applicable.
Flammable (Explosive) Limits	Not available.
Ignition Temperature	Not applicable.
Formula	C ₂₈ H ₂₄ N ₂ O ₇

10. STABILITY AND REACTIVITY

Reactivity

No further relevant information available.

Chemical stability

Stable at room temperature in closed containers under normal storage and handling conditions.

Possibility of hazardous reactions

No further relevant information available.

Conditions to avoid

Incompatible materials, oxidisers.

Incompatible materials

Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Acute effects

No further relevant information available.

Eye contact

No further relevant information available.

Skin contact

No further relevant information available.

Ingestion

No further relevant information available.

Inhalation

No further relevant information available.

Toxicity and irritation

No further relevant information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No further relevant information available.

Persistence and degradability

No further relevant information available.

Bioaccumulative potential

No further relevant information available.

Other adverse effects

No further relevant information available.

13. DISPOSAL CONSIDERATIONS

General information

Chemical waste generators must determine whether a discarded chemical is classified as

a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORT INFORMATION

ADG label required

HAZCHEM

Carbon & nitrogen oxides.

UN Number	None
Proper shipping name	Not regulated.
Transport hazard class	Void
Packing group	None.
Environmental hazard	No information available.
Special precautions for users	No information available.
Additional information	No information available.

15. REGULATORY INFORMATION

Poisons Schedule Number

Not listed.

Other Information

Acute Health Hazard.

16. OTHER INFORMATION

SDS preparation date

17 May 2023

Comments

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish

a legally valid contractual relationship.

This Safety Data Sheet (SDS) has been prepared in compliance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice February 2016. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. The information published in this SDS has been compiled from the publications listed in Section 16: to the best of our ability and knowledge these publications are considered accurate. We reserve the right to revise Safety Data Sheets as new information becomes available. Copies may be made for non-profit use.

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