SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name	EcoZinc Face & Body sunscreen SPF 50
Product Description	25% zinc oxide emulsion with other ingredients

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Sunscreen, personal care product for external use

1.3 Details of the supplier of the safety data sheet

Company	Veganic SKN Pty Ltd, Unit 3/81 Shettleston Street, Rocklea, Queensland 4106, Australia
Responsible Department	Sales, michaels@veganicskn.com

1.4 Emergency telephone number (24 hour)

+61 437 102 842

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP/GHS)

Non-hazardous chemical.

Classification according to Directive 67/548/EEC (DSD)

Non-hazardous chemical.

Non-Hazardous Chemical. Non-Dangerous Goods. According to the WHS and the ADG Code.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS)

Non-hazardous chemical.

Labelling according to Directive 67/548/EEC (DSD)

Non-hazardous chemical.

2.3 Other hazards

None known.

SECTION 3: Composition/information on ingredients

Ingredient	Weight %	CAS	EINECS	Classification according to 67/548/EEC	Classification according to (EC) 1272/2008 (CLP)	REACH Registration Number
Zinc Oxide	25	1314-13-2	215-222-5	N; R50/53	H410	01-2119463881 32-0151
Other Excipients*	75	-	-	-	-	-

* Other ingredients determined not to be hazardous

SECTION 4: First aid measures

4.1 Description of first aid measures

Skin	None anticipated as product is a personal care product intended for use on skin. In the unlikely event of an allergic reaction, wash affected areas with water and soap. P332 + P313: If irritation or skin sensitisation develops, discontinue use. If irritation or skin sensitisation persists, consult a doctor.
Eyes	P305+P351+P338: Flush gently for 15 min with running water. Remove contact lenses, if present and easy to do. Seek medical attention if irritation develops.
Inhalation	None under normal use. Not a foreseeable route of exposure. No adverse effect known.
Ingestion	None anticipated as not a foreseeable route of exposure. P301+330+331: If such event occurs, drink plenty of water to dilute. Do NOT induce vomiting without first seeking medical advice. Get medical attention if person feels unwell. Contact the Poisons Information Centre on 13 11 26.

4.2 Most important symptoms and effects, both acute and delayed

Prolonged and repeated use may result in slight irritation for people with sensitive skin.

Zinc compounds are only slightly absorbable via the gastrointestinal tract.

4.3 Indication of immediate medical attention and special treatment needed

None known.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surroundings.

Unsuitable extinguishing media

None known.

5.2 Special hazards arising from the substance or mixture

Not combustible.

5.3 Advise for fire fighters

Special protective equipment for fire fighters

In the event of fire, wear self-contained breathing apparatus and protective clothing.

Further information

None.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Avoid contact with eyes.

For emergency responders

In the event of fire, wear self-contained breathing apparatus and protective clothing.

Protective equipment, see section 8.

6.2 Environmental precautions

Non-hazardous chemical.

6.3 Methods and materials for containment and cleaning up

Clean up all spills immediately.

Contain spill with sand or other non-combustible materials. Use bunding and cover drains.

Collect recoverable material into labelled containers for recycling.

6.4 Reference to other sections

Indications on waste treatment see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in a dry area, removed from foodstuff and incompatible materials such as acids and bases.
Store below 30°C. It will be stable and effective for at least 3 years if stored below 30°C in a cool, dry place. Keep out of the reach of children. Keep in its original container, and kept closed when not in use. Do not store in direct sunlight.

7.3 Specific end uses

As identified in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

This product does not contain and hazardous materials for which substance-specific occupational exposure limits have been established by regulatory bodies.

8.2 Exposure controls

Appropriate engineering control

None needed. Suitable means of rinsing eyes with water is recommended.

Individual protection measures

Personal protective equipment is not anticipated for reasonably foreseeable conditions of use.

Hygiene measures

None.

Eye/face protection

None.

Hand protection

None.

Respiratory protection

None.

Environmental exposure control

Non-hazardous chemical.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Opaque Viscous Cream
Colour	Clear Tint / Olive Tint / Tan Tint
Odour	No fragrance, characteristic
Odour threshold	No information available
pH	No information available
Melting point /freezing point	Not applicable
Initial boiling point and boiling range	No information available
Flash point	Not applicable
Evaporation rate	No information available
Flammability	No information available
Upper/lower flammability limits	No information available
Vapour pressure	No information available
Vapour density	No information available
Specific gravity	1.18 – 1.25
Solubility	Insoluble in water
Partition coefficient	No information available
Auto ignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available
Explosive properties	Not to be expected
Oxidising properties	Not to be expected

9.2 Other data

None

SECTION 10: Stability and reactivity

10.1 Reactivity

Dangerous reactions are not expected when handling the product according to its intended use.

10.2 Chemical stability

Under storage at ambient conditions the product is stable.

10.3 Possibility of hazardous reactions

Violent reactions possibly with strong reducing agents.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Incompatible with strong oxidising agents, strong acids and alkalis.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No data available on zinc oxide emulsion with other ingredients.

Information on individual substances in the mixture

Zinc Oxide

Acute toxicity, oral	LD_{50} (mouse) 15,000 mg/kg (Löser, 1972)
	LD_{50} (rat) >5,000 mg/kg (Löser, 1977)
Acute toxicity, inhalation	LC_{50} (mouse) >5.7 mg/L in 4 hr (Klimish & Freisberg)
Skin irritation	Not irritant (Löser, 1977, Lansdown, 1991)
Eye irritation	Not irritant (Van Huygevoort, 1999; Thijssen, 1978; Löser, 1977)
Sensitisation	No sensitising effects known (Van Huygevoort, 1999)
Germ cell mutagenicity	No biologically relevant genotoxic activity (CSR ZnO, 2010)
Carcinogenicity	No evidence for carcinogenicity activity (CSR ZnO, 2010)
Reproductive toxicity	No evidence for reproductive or developmental toxicity (CSR ZnO, 2010)
STOT – single exposure	No evidence for specific target organ toxicity (single exposure), (CSR ZnO, 2010)
STOT – repeated exposure	No evidence for specific target organ toxicity (repeated exposure), (CSR ZnO, 2010)
Aspiration hazard	Not available

Other Ingredients

Acute toxicity - oral	LD_{50} (rat) > 5,000 mg/kg
Eye irritant	Mild irritant
Skin irritation	No irritation

SECTION 12: Ecological information

12.1 Toxicity

No data available on zinc oxide emulsion with other ingredients.

Information on individual substances in the mixture

Zinc Oxide

Environmental impact of this product has not been determined.

No data available on Other Ingredients.

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

No data available.

12.6 Other adverse effects

No data available.

SECTION 13: Disposal consideration

P501: Observe all local regulations

SECTION 14: Transport information

UN Number: Not applicable
UN Proper Shipping Name: Not applicable
Transport Hazard Class(es): Not applicable
Packing Group: Not applicable
Environmental Hazards: Not applicable
Special Precautions for User: None
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

Additional Information:
ADR/RID: Not regulated as dangerous goods
IMDG: Not regulated as dangerous goods
IATA:
For packages under 5 kg: Not classified as dangerous goods under IATA Special Provision A197 when transported in single or combination packaging's containing a net quantity per single or inner packaging of 5L or less for liquids, or having a net mass of 5kg or less for solids. Are not subject to any other provisions of these regulations provided the packaging's meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

14.1 Land Transport (ADR/RID)
Not regulated for transport of dangerous goods.

14.2 Sea Transport (IMDG)
Not regulated for transport of dangerous goods.

14.3 Air Transport (IATA/ICAO)
Not regulated for transport of dangerous goods.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organisation to follow all applicable laws, regulations and rules relating to the transportation of the material

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Environmental impact of this product has been determined.

15.2 Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other Information

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

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** Please read all labels carefully before using this product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals- Code of Practice" (December 2011)

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