
Section 1 – Product and Company Identification

Product Identifiers:

Product Name: nZinc®
Product Use: Disinfectant

Details of the Supplier of the Safety Data Sheet:

Supplier: E-Organic Solutions Pte Ltd
21 Bukit Batok Crescent, #15-75 S658065
UEN 201602991N
For Product Information: 91166856 (Kin) / 88680302 (Iren)

Section 2 – Hazards Identification

GHS Classification of Substance and Mixture: Category 5**GHS Label Elements:**

Hazard pictogram(s): No Symbol
Signal word: Warning
Hazard statements: May be harmful if swallowed (Oral), Maybe be harmful in contact with skin (dermal), may be harmful if inhaled (inhalation)

Precautionary Statements: DO NOT eat, drink or smoke when using this product
WASH AFTER USE
KEEP OUT OF REACH OF CHILDREN

Section 3 – Composition / Information on Ingredients

Chemical Name	CAS#	Weight Percent
Zn+ ion	15176-26-8	0.1%

Solvent: Distilled water

Section 4 – First Aid Measures

Eye contact: Rinse your eyes with water and avoid rubbing eye.
Ingestion: Rinse mouth thoroughly with water. Consult a doctor if you experience any adverse reaction.
Skin contact: No special requirements.
Inhalation: No special requirements.
Notes to physician: No specific antidote. Treat symptomatically.
General advice: If you feel unwell, seek medical advice. Ensure medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

Section 5 – Fire Fighting Measures

Flammable properties:	Not combustible
Suitable extinguishing media:	Water fog, foam, dry chemical, CO ₂
Unsuitable extinguishing media:	Not available
Specific hazards arising from the chemical:	Container may melt and leak in heat of fire. Prevent run-off from firefighting to enter drains or water courses.
Protective equipment for firefighters:	Firefighters should wear full protective clothing Including self-contained breathing apparatus.
Hazardous combustion products:	None known
Sensitivity to mechanical impact:	None known
Explosion data:	Not available
Sensitivity to static discharge:	Not available

Section 6 – Accidental Release Measures

Personal precautions:	No special requirement. Use water to clean up and rinse. Slippery when spilt.
Environment precautions:	Avoid dispersal of spilled material and runoff in contact with soil, waterways, drains and sewers.
Methods of containment and Cleaning up:	Stop leak if without risk. Contain and collect spill by wiping up.

Section 7 – Handling and Storage

Precautions for safe handling:	Put on appropriate personal protective equipment (refer to Section 8).
Storage:	Store product in a cool, dark and dry place, out of reach of children. Away from sources of ignition, oxidising agents Keep container close when not in use. Return empty containers to manufacturer for recycling.

Section 8 – Exposure Controls / Personal Protection

Exposure guidelines:

Chemical Name	Occupational Exposure Limit (OEL)
Not available	Not available

Engineering Controls: General ventilation normally adequate

Personal protective equipment:

Eye/Face protection: None required under normal conditions.
Skin and body protection: None required under normal conditions.
Respiratory protection: None required under normal conditions.
General hygiene consideration: Handle in accordance with good industrial hygiene and safety practice.

Section 9 – Physical and Chemical Properties

Appearance: Natural clear liquid
Colour: clear
Physical state: Liquid
Odor: odourless
pH: 6.9-7.05
Melting point: No data available
Freezing point: No data available
Boiling point: 100°C -102°C
Flash point: >105°C
Evaporation rate: No data available
Flammability limits in air, Lower, % by volume: No data available
Flammability limits in air Upper, % by volume: No data available
Vapor pressure: No data available
Vapor density: No data available
Relative density at 25°C: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Solubility: No data available

Section 10 – Chemical Stability & Reactivity Information

Reactivity

Condition to avoid: Stable/Non-reactive
Incompatible materials: Strong oxidising agents, strong acids and strong alkalis

Chemical stability

Product stability Stable under recommended storage conditions

Other

Hazardous decomposition products: Will not occur
Possibility of hazardous reactions: None known

Section 11 – Toxicological Information

Primary eye irritation:	None known
Primary skin irritation:	None-known
Acute oral:	LD50> 5000 mg/kg (OECD guideline, Category 5) Or unclassified
Acute dermal:	No data available
Acute inhalation:	No data available
Sensitization:	No data available
Chronic effects:	No data available
Carcinogenicity:	No data available
Mutagenicity:	No data available
Reproductive effects:	No data available
Teratogenicity:	No data available
Ecotoxicity:	No data available

Section 12 – Ecological Information

Environmental effects:	No data available
Aquatic toxicity:	No data available
Persistence/ degradability:	No data available
Bioaccumulation/accumulation:	No data Available
Partition coefficient:	No data available
Mobility in environmental media:	No data available
Chemical fate information:	No data available

Section 13 – Disposal Considerations

Waste Treatment Methods

Product waste	Dispose of content in accordance with local, regional national, and/ or international regulations
Packaging waste	Dispose of container in accordance with local, regional, national and/ or international regulations. Alternatively, return containers to manufacturer for recycling.

Section 14 – Transportation Information

UN Number	Non-Hazardous. Not regulated.
IMDG Class (sea)	Non-Hazardous. Not regulated.
IATA Class (air)	Non-Hazardous. Not regulated.
ADR (land)	Non-Hazardous. Not regulated.
Hazard Label(s)	Non-Hazardous. Not regulated.
Proper Shipping name(s)	Not regulated.

Section 15 – Regulatory Information

No Information found.

Section 16- Other Information

Last Revision Date: September,2 2021

This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.