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**Section 1 – Product and Company Identification**

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**Product Identifiers:**

**Product Name:** nZinc®  
**Product Use:** Disinfectant

**Details of the Supplier of the Safety Data Sheet:**

**Supplier:** E-Organic Solutions Pte Ltd  
11 North Buona Vista Drive Singapore 138589  
**UEN** 201602991N  
**For Product Information:** 91166856 (Kin) / 88680302 (Iren)

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**Section 2 – Hazards Identification**

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**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

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**Section 3 – Composition / Information on Ingredients**

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

Solvent: Distilled water

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**Section 4 – First Aid Measures**

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**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.

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**Section 5 – Fire Fighting Measures**

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

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**Section 6 – Accidental Release Measures**

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

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**Section 7 – Handling and Storage**

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<b>Precautions for safe handling:</b>	Put on appropriate personal protective equipment (refer to Section 8).
<b>Storage:</b>	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.

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**Section 8 – Exposure Controls / Personal Protection**

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Exposure guidelines:

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

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**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.

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**Section 9 – Physical and Chemical Properties**

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**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

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**Section 10 – Chemical Stability & Reactivity Information**

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**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

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**Section 11 – Toxicological Information**

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

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**Section 12 – Ecological Information**

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

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**Section 13 – Disposal Considerations**

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**Waste Treatment Methods**

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

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**Section 14 – Transportation Information**

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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.

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## Section 15 – Regulatory Information

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No Information found.

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## Section 16- Other Information

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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.*