



MATERIAL SAFETY DATA SHEET

1. Identification of the Product and the Company

WGA-ZC

Zinkan Enterprises, Inc.

1919 Case Parkway North

Twinsburg, Ohio 44087

Tel: 1-800-229-6801 Fax: 1-330-425-8202

Emergency Contact: Infotrac 1-800-535-5053

2. Composition/ Information On Ingredients

Components	CAS Number	OSHA/PEL	ACGIH/TLV	Weight
Zinc Chloride	7646-85-7	1mg/m ³	1mg/m ³	> 97%

3. Hazards Identification

Slight irritant. May cause corneal injury and result in permanent vision impairment.

4. First Aid Measures

Inhalation:	Move to fresh air. If irritation persists, seek medical attention.
Skin Contact:	Wash off immediately with soap and plenty of water. Remove contaminated clothing immediately.
Eye Contact:	Rinse thoroughly with plenty of water for 15 minutes. In case of persistent eye irritation, consult a physician.
Ingestion:	Do not induce vomiting, if patient is alert, give 8-10 ounces of milk or water. Do Not Give Anything By Mouth To An Unconscious Person!

5. Fire-Fighting Measures

Suitable extinguishing media:	Base selection on source of fire.
Special fire-fighting precautions:	Spills produce extremely slippery surfaces.
Protective equipment for firefighters:	Self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Personal precautions:	No special precautions required.
Environmental precautions:	Do not contaminate water.
Methods for cleaning up:	Soak up with inert absorbent material. If large quantities have been spilled, clean with pump or vacuum. After cleaning, apply dry sweeping compound.

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7. Handling and Storage

Handling:	Avoid contact with skin and eyes. Ensure there is adequate ventilation. Do not smoke. Wash hands before breaks and at end of workday. Do not breathe vapor or mist.
Storage:	Keep container closed when not in use. Make sure there is adequate ventilation. Keep in cool dry place. Maintain good housekeeping practices.

8. Exposure Controls/ Personal Protection

Engineering controls:	Use a SCBA if contact is likely. Turn on local exhaust if available.
<u>Personal Protection Equipment</u>	
Respiratory Protection:	Use filter type respirator if exposed to solution mists.
Hand Protection:	Rubber gloves.
Eye Protection:	Safety glasses with side-shields. Use a face shield if available. Do not wear contact lenses.
Skin Protection:	Chemical resistant apron or suit if splashing of solution is likely.
Hygiene Measures:	Wash hands before breaks and immediately after handling product. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form:	Solid.
Color:	White to off-white granules.
Odor:	No odor.
Boiling Point (°C):	730 °C
Melting Point (°C):	290 °C
Flash Point (°C):	Non-flammable.
Autoignition Temperature (°C):	Not applicable.
Vapor Pressure (mm Hg):	Not applicable.
Water Solubility:	81% @ 25°C.

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10. Stability and Reactivity

Stability:	Product is stable, no hazardous polymerization will occur. Exposure to strong Oxidizers and Acids may cause exothermic reactions. Avoid contact with cyanides (may release HCN gas) and sulfide salts (may release H ₂ S gas).
Hazardous Decomposition products:	Will not occur except at high temperatures.

11. Toxicological Information

Acute Toxicity

Oral:	LD ₅₀ for Zinc Chloride: 350 mg/kg in rats.
Dermal:	None available.
Inhalation:	10 Minute LC ₅₀ for Zinc Chloride: 2000 mg/m ³ in rats.

Irritation

Skin:	None available.
Eyes:	May cause eye irritation with susceptible persons.
Sensitization:	None available.
Chronic Toxicity:	None available.

12. Ecological Information

No data available at this time.

13. Disposal Considerations

Waste from residues/ Unused products:	Dispose of in accordance with federal, state and local regulations.
Contaminated Packaging:	If approved, may be transferred to licensed contractor. Sweep up spillage.

14. Transport Information

UN 2331, Zinc Chloride, Anhydrous, Corrosive solid, 8, III, Cleaning compound.

NMFC: 48580.03

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15. Regulatory Information

All components of this product are on the TSCA and DSL inventories.

WHMIS (CANADA): Not Regulated.

RCRA status: Listed.

Hazardous waste number: D002.

Reportable quantity (40 CFR 302): 1000 lbs.

Threshold planning quantity (40 CFR 355): Not applicable.

California Proposition 65 information: Not applicable.

HMIS & NFPA Ratings

Health:

3

3

Flammability:

0

0

Reactivity:

1

1

Personal Protection:

B

NFPA

16. Other Information

Person to contact: Regulatory Affairs Manager

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The 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 unless specified in the text.