



MATERIAL SAFETY DATA SHEET

1.	Identification of the Product and the Company
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Zinkan Enterprises, Inc.
1919 Case Parkway North
Twinsburg, Ohio 44087
Tel:1-800-229-6801 Fax: 330-425-8202

Emergency Contact :Infotrac 1-800-535-5053

2.	Composition/ Information On Ingredients
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Components	CAS Number	OSHA/PEL	ACGIH/TLV	Weight
Calcium Chloride	010043-52-4			33-38%

3.	Hazards Identification
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Spills will produce slippery surfaces

4.	First Aid Measures
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Inhalation:	Move to fresh air.
Skin Contact:	Wash off immediately with soap and plenty of water. Remove contaminated clothing.
Eye Contact:	Rinse thoroughly with plenty of water. In case of persistent eye irritation, consult a physician.
Ingestion:	Do not induce vomiting. Give 2-4 cups of water and get medical attention.

5.	Fire-Fighting Measures
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Suitable extinguishing media:	Base selection on source of fire.
Special fire-fighting precautions:	None.
Protective equipment for firefighters:	Self-contained breathing apparatus and protective clothing.

6.	Accidental Release Measures
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Personal precautions:	No special precautions required.
Environmental precautions:	Flush small spills with water. Recover large spills with absorbent material. Do not discharge to lakes, rivers or streams.
Unusual fire-fighting or explosion:	Contact with Zinc metal (galvanized iron) may release explosive hydrogen gas.



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Methods for cleaning up: Flush with water. Soak up with inert absorbent material.

7. Handling and Storage

Handling: Avoid contact with skin and eyes. Ensure there is adequate ventilation. Do not smoke.

Storage: Keep container closed when not in use. Make sure there is adequate ventilation. Protect from freezing.

8. Exposure Controls/ Personal Protection

Engineering controls: Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Personal Protection Equipment

Respiratory Protection: Not required.

Hand Protection: Rubber gloves.

Eye Protection: Safety glasses with side-shields. 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: Liquid.

Color: Clear to slightly yellow.

Odor: No odor.

Specific Gravity: 1.334-1.392

Melting Point (°C): Not applicable.

Flash Point (°F): >212°F PMCC.

Auto-ignition Temperature (°C): Does not ignite.

Vapor Pressure (mm Hg): 17.5

Water Solubility: Complete.

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10. Stability and Reactivity

Stability:	Product is stable, no hazardous polymerization will occur.
Hazardous decomposition products:	None.

11. Toxicological Information

Acute Toxicity

None available on this product.

Irritation

Skin:	May cause skin irritation with susceptible persons.
Eyes:	May cause eye irritation with susceptible persons.
Sensitization:	The product is not expected to be sensitizing.
Chronic Toxicity:	Prolonged skin contact may produce dermatitis.

12. Ecological Information

Fish:	Not available.
Persistence/ Degradability:	Readily biodegradable.

13. Disposal Considerations

Waste from residues/ Unused products:	In accordance with federal, state and local regulations.
Contaminated Packaging:	Rinse empty containers with water and use the rinse water to prepare the working solution. Can be land-filled or incinerated, when in compliance with local regulations.

14. Transport Information

Coal treating compound. Not regulated by DOT.

NMFC: 50130.03



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15. Regulatory Information

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

RCRA status: Not a hazardous waste.
Hazardous waste number: Not applicable.
Reportable Quantity: Not applicable.
Threshold Planning quantity: Not applicable.
Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.

CERCLA Hazardous Substance: Not applicable.
TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.

SARA:
Section 302 (RQ): None of the chemicals in this material have an RQ.
Section 302 (TPQ): None of the chemicals in this product have a TPQ.
Section 313: No chemicals are reportable under Section 313.
Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

HMIS & NFPA Ratings	HMIS	NFPA
Health:	2	2
Flammability:	0	0
Reactivity:	0	0
Personal Protection:	B	

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 guidance 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.