WellREADY™ 112

Heavy Chloride

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MATERIAL SAFETY DATA SHEET

1. Identification of the Product and the Company

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 %: Calcium Chloride 34.0%,
CAS Number: 010043-52-4, **OSHA/PEL:**
ACGIH/TLV:
Weight: **30.0 – 34.0% (11.2 # / Gal)**

3. Hazards Identification

Spills will produce slippery surfaces.

4. First Aid Measures

Inhalation: Move to fresh air.
Skin Contact: Wash off immediately with soap and plenty of water. Remove contaminated clothing. May cause redness, swelling and drying or cracking of the skin and dermatitis.
Eye Contact: Rinse thoroughly with plenty of water. In case of persistent eye irritation, consult a physician.
Ingestion: Give 2-4 cups of water and get medical attention.

5. Fire-Fighting Measures

Suitable extinguishing media: Water, foam, dry powder, Carbon dioxide (CO^2).
Special fire-fighting precautions: Contact with Zinc metals (galvanized iron) may release explosive hydrogen gas.
Protective equipment for firefighters: Self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Personal precautions: No special precautions required.
Environmental precautions: Flush small spills with water. Do not allow material into lakes, rivers or streams.
Unusual firefighting or explosion: Contact with Zinc metal (galvanized iron) may release explosive hydrogen gas.
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: In case of insufficient ventilation wear suitable respiratory equipment.
Hand Protection: Neoprene 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
Odor:	No odor
Specific Gravity:	1.298 – 1.345
Melting Point (°C):	Not applicable
Flash Point (°C) :	>212° F PMCC
Auto ignition Temperature (°C):	Does not ignite
Vapor Pressure (mm Hg):	17.5
Water Solubility:	Complete

10. Stability and Reactivity

Stability: Product is stable, no hazardous polymerization will occur. Oxidizing agents may cause exothermic reactions.
Hazardous Decomposition: 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

Persistence and Degradability: Readily biodegradable.
Fish: Not available

13. Disposal Considerations

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

14. Transport Information

Coal treating compound. Not regulated by DOT.
NMFC: 50130.03

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.
None of the chemicals are on the Health & Safety Reporting List.
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 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 depletors. This material does not contain any Class 2 Ozone depletors.

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

WARNING: This product (when used in aqueous formulations with a chemical oxidizer such as ozone) contains a chemical known to the State of California to cause cancer.

US Toxic Substances Control Act

REVISION COMMENTS:
MATERIAL SAFETY DATA SHEET STATUS: Approved.
DATE: 07/02/2014
Prepared by: Director of Technology

For safety reasons it is IMPERATIVE that customers:

1. Ensure that all those who use the products are supplied with all relevant information contained within the Material Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions and warnings contained therein.

2. Consult Zinkan Enterprises Inc. before using or supplying the product for any other applications.
The information contained herein is based on the present state of our knowledge and is intended to describe our product from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

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 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.