

MATERIAL SAFETY DATA SHEET



Date Issued: 11/12/2008

MSDS No: ZN15C-B

Revision No: New MSDS

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: ZINC PLATING CRYSTALS PART B

MANUFACTURER

Caswell Inc
7696 Route 31
Lyons NY 14489

Emergency Contact: Caswell Inc

Product Stewardship: 315 946 1213

Transportation: 800 424 9300

Service Number: 315 946 1213

Caswell Inc
7696 Route 31
Lyons NY 14489
USA

Emergency Contact: Caswell Inc

Emergency Phone: +1 315 946 1213

Service Number: +1 315 946 1213

Transportation Number: +1 703 527 3887

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC: 1-800-424-9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Slightly hazardous in case of skin contact, eye contact or ingestion.

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

SKIN: Causes skin irritation.

INGESTION: Harmful if swallowed.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

MUTAGENICITY: Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Potassium Chloride	~ 75	007447-40-7	231-211-8
Ammonium Chloride	~ 25	012125-02-9	235-186-4

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

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SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS:

Notes: NA = Not Applicable

EXTINGUISHING MEDIA: Any available.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spills immediately, observing precautions in Protective Equipment section.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep away from incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) and a face shield.

SKIN: Wear suitable protective clothing.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: None.

APPEARANCE: Powder

COLOR: White

pH: ~ 5

BOILING POINT: ~ 142°C

MELTING POINT: 770°C

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SOLUBILITY IN WATER: Slight

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

INCOMPATIBLE MATERIALS: Acids and oxidizing agents.

COMMENTS: Hygroscopic. Incompatible with KMnO_4 , H_2SO_4 , BrF_3 and BrCl_3 . May react violently with BrF_3

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD_{50} : 1500 mg/kg (mice)

CHRONIC: May cause damage to blood and cardiovascular system.

GENETIC EFFECTS: May affect genetic material.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal regulations. Dispose of container and unused contents in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not restricted by DOT

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

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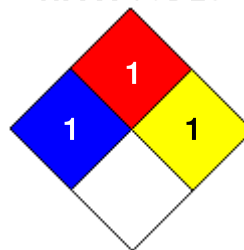
16. OTHER INFORMATION

REASON FOR ISSUE: FORMAT CHANGE**APPROVED BY:** L CASWELL**PREPARED BY:** L CASWELL**REVISION SUMMARY:** New MSDS

HMIS RATING

HEALTH:	<input type="checkbox"/>	1
FLAMMABILITY:		0
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:	E	

NFPA CODES



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