

# WESTERN RESERVE CHEMICAL

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## MATERIAL SAFETY DATA SHEET

### WESTCO EZ

CAS #

**14323-55-1**

#### **1. Product Identifications**

Product Name: (ZDEC) EZ  
Chemical Name: Zinc diethyldithiocarbamate  
Formula:  $C_{10}H_{20}N_2S_4Zn$

#### **2. Physical Description/Properties**

Specific Gravity: 1.48  
Melting Point (C° Min): 170  
Bulk Density (g/cm<sup>3</sup>): NA  
PH Value: NA  
Appearance: White powder  
Odor: Slight  
Solubility: Soluble in methylbenzene; dilute caustic  
Insoluble in water.  
Volatiles % <0.5  
Zinc Content,% 17.5-19.0

#### **3. Hazard Information**

##### **Combustible dust**

Keep away from heat, sparks and flame.  
Eye irritant-Can cause redness, tearing and swelling.  
Skin contact may cause allergic reaction.  
Inhalation may cause upper respiratory irritation.  
Ingestion may be harmful.

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### **4. First Aid Information**

Skin: Remove contaminated clothing and wash before re-use. Immediately wash contaminated skin with running water.

Ingestion: Immediately rinse mouth with water. Induce vomiting only at the instruction of a physician. Seek immediate medical attention.

Eyes: Flush with water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove person to fresh air. Get immediate medical attention if breathing is difficult or short.

### **5. Handling and Storage**

Storage: Store in a dry well-ventilated area avoiding direct exposure to sunlight

### **6. Employee Protection Recommendations**

The employee should wear protective clothes and avoid direct physical contact with the product.

Eye Protection: Wear chemical safety glasses or goggles

Hand Protective Requirements: Wear protective gloves.

Skin Protective Requirements: Wear overalls.

Ventilation: Local exhaust

### **7. Toxicological Information**

Low toxicity

LD50 acute oral for rats: >3530 mg/kg

LD50 acute skin for rabbits:>3160mg/kg

### **8. Fire and Explosion Data**

Flash point: Not available

Exposure standard limits: Not available

Flammable

Extinguish Media: Spray water, Carbon Dioxide, foam, sand or dry chemical.

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### **9. Reactivity**

Chemical stability:	Stable when stored in original container protected from heat and moisture.
Hazardous Polymerization:	Does not occur.
Materials to avoid:	Strong oxidizers, acids and water.
Hazardous products of decomposition:	Carbon monoxide, oxides of nitrogen, sulfur and zinc.

### **10. Accidental Release and Disposal**

Spills: Sweep and place in closable container. Avoid generation of dust. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

Disposal: Bury waste and empty containers in licensed landfill in adherence to federal, state and local regulations.

### **11. Transportation Information**

DOT Status	Class 9
DOT Shipping name	UN3077, Environmentally Hazardous Substance, Solid, N.O.S. (Zinc diethyl-dithiocarbamate) 9, III
DOT reportable qty. (lbs)	1001
ICAO/IATA Status	See DOT
UN/NA number	UN3077
IMDG Status	See DOT
TDG Canada	See DOT

### **12. Regulatory Information**

Worldwide Inventory Status	
TSCA (USA):	Listed
Canadian DSL:	Listed
Canadian NDSL:	Not Applicable. Listed on the DSL
EINECS/ELINCS (Europe):	Listed
Japanese Inventory (ENCS):	Listed
Korean Chemical Inventory (ECL):	Listed
Australian Chemical Inventories (AICS):	Listed
New Zealand (NZ):	Listed
Phillipines (PICCS) Inventory:	Listed
China (CLECS):	Listed

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US Regulatory Rules	
SARA Section 302:	Not Applicable/None
SARA 311/312 Hazard Categories:	Immediate Delayed
SARA 313 Chemical:	As "Zinc Compounds", DeMinimis Concentration=1.0%.
RCRA Status:	Not a RCRA waste.
Other Regulations:	
California Proposition 65:	NONE
New Jersey Right-to-Know List:	As "Zinc Compounds". NJ Substance #3012.
Pennsylvania Right to Know List:	As "Zinc Compounds".
Florida Right to Know:	Not Applicable.
Minnesota Right to Know:	Listed as "Zinc Compounds".
MA Right to Know Law:	As "Zinc Compounds".
FDA Status 21 CFR:	Regulated for use under the following sections of 21 CFR: 177.2600 Rubber Articles Intended for repeated use in Food Contact. 175.105 Com- ponents of Adhesives.
Canadian Regulations:	
WHMIS Hazard Class:	D2B TOXIC MATERIALS/ Materials Causing Other Toxic Effects
NPRI:	Listed under the category "Zinc And Its Compounds". NPRI Part 1, ID#246.

### **13. Other Information**

HMIS Classification Health 2 Flammability 1 Reactivity 0

Important Note: The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.