



IDEAS TO GROW WITH™

191 W. Shaw Ave., Ste. #107 - Fresno CA 93704

# MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

## MORA-LEAF ZINC

### I. NAME

PRODUCT/TRADE NAME: MORA-LEAF ZINC  
EPA REGISTRATION #: NONE  
CHEMICAL NAME/COMMON NAME:  
Zinc Oxide/Zinc Oxide

### II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Zinc Oxide	1314-13-2	NE	NE

### III. PHYSICAL DATA

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.29  
MELTING POINT: NA  
VAPOR DENSITY (AIR = 1): NA  
% VOLATILES BY VOL.: NA  
ODOR: Odorless  
APPEARANCE: White Powder  
FLASH POINT/METHOD: NA  
VAPOR PRESSURE (mmHg): NA  
SOLUBILITY IN H<sub>2</sub>O: Miscible

### IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA:  Water Fog  Foam  Alcohol Foam  
 CO<sub>2</sub>  Dry Chemical  Other

#### FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing smoke or mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

### V. CARCINOGEN STATUS

OSHA  NTP  IARC  No Listing Type

### VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION  
 Unstable  May Occur  Will Not Occur  
AVOID: Oxidizers  
HAZARDOUS DECOMPOSITION PRODUCTS: CO<sub>x</sub>, ZnO

### VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate personal protective equipment. Absorb with inert material and sweep or vacuum into disposal container.

DECONTAMINATION: Treat area with detergent and water and absorb with inert material. Place in disposal container and repeat procedure as necessary until area is clean.

ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

### VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. Wash thoroughly before eating, drinking or smoking.

INHALATION: No PEL/TLV established for this product. Do not breathe dust.

SKIN ABSORPTION: Avoid contact with skin. Wear proper personal protective equipment to reduce skin exposure.

EYE EXPOSURE: Keep out of eyes. Can cause eye irritation. If exposed, flush eyes for a minimum of 15 minutes with water. Wear proper eye protection to reduce exposure.

EFFECTS OF OVEREXPOSURE: Can cause skin and eye irritation. Ingestion can cause violent vomiting and diarrhea. No known chronic effects. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate eyes for a minimum of 15 minutes with water. If inhaled, remove victim to fresh air, and administer CPR if necessary.

### SPECIAL PROTECTION INFORMATION

IX. RESPIRATORY PROTECTION: Recommend use of NIOSH/MSHA-approved respirator for organic vapors for the exposure encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.

PERSONAL PROTECTIVE EQUIPMENT: Neoprene or rubber gloves, long-sleeved coveralls and chemical goggles.

VENTILATION: General.

### SPECIAL PRECAUTIONS

X. Keep out of the reach of children. Read and follow all label instructions. Do not store in steel or aluminum tanks.

### REGULATORY DATA

XI. SARA HAZARD CLASS:  Acute  Chronic  Flammable  
 Pressure  Reactive  None

SARA 313:  Yes  No Chemical: Zinc Compounds

SARA 302:  Yes  No Chemical:

TPQ:

CERCLA:  Yes  No Chemical:

RQ:

RCRA:  Yes  No

NFPA HAZARD RATING:

Health: [1]

Fire: [1]

Reactivity: [0]

Special: [ ]

HMIS CODES:

Health: [1]

Fire: [1]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

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Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

\*Technical Material NE - Not Established NA - Not Applicable

**24 Hour Emergency Phone Number**  
**CHEMTREC: (800) 424-9300**

