



SBC Zinc 4.5% - MSDS

Innovations in Plant Health Management

MATERIAL SAFETY DATA SHEET (MSDS)

*** Section 1 - Chemical Product and Company Identification ***

Issue Date:	April 10, 2011	Revision:			
Product name:	SBC Zinc 4.5%	Chemical Formula:	0-0-0	NFPA Registry:	N/A
Synonyms:	None Known	Chemical Family:	Fertilizer	H.M.I.S.:	0000
Product Use:	Liquid Fertilizer	SARA:	No	Labeling:	N/A
EPA Number:	N/A	TSCA Components:	Yes	NIOSH No:	N/A
DOT Identification No:	Not Regulated as DOT hazardous material.	DOT Hazard Class:	None	Placard:	None
DOT Shipping Name:	N/A	DOT Hazard Guide:	None		

Manufacturer:

Soil Basics Corporation
10747 W. Goshen Ave.
Visalia, CA 93291
(888) 769-9266

*** Section 2 - INGREDIENTS AND HAZARDS ***

CAS#	Component	Percentage		
Fertilizer Mixture		100%	ACGIH TLV:	None Established
Contains Proprietary Ingredients		ASHA PEL:	None Established	
CAS number for this product:	None Assigned			

*** Section 3 - PHYSICAL DATA & CHEMICAL CHARACTERISTICS ***

Boiling Point:	N/A	pH:	4.5 - 4.9	Specific Gravity:	1.258
Vapor Pressure (mmHg):	N/A	Melting Point:	N/A	Color:	Dark Brown
Vapor Density:	N/A	Evaporation Rate:	N/A	% volatile by Volume:	N/A
Molecular Weight:	Not Calculated	Viscosity:	N/A	Odor:	None

*** Section 4 - FIRE AND EXPLOSION HAZARD DATA ***

Flash Point:	N/A	Extinguishing Media:	Suitable for surrounding fire
Auto Ignition Temperature:	Not combustible		
Special Fire Fighting Procedures:	No specific fire fighting procedures noted.		
Unusual Fire/Explosion Hazards:	None		
NIOSH Respirator Recommendation:	No specific recommendation made, but respiratory protection may be required under exceptional circumstances when excessive air contamination exists.		

*** Section 5 - REACTIVITY DATA AND PHYSICAL HAZARDS ***

Stability:	Stable under normal conditions
Materials to Avoid:	Acids and excess heat
Conditions to Avoid:	Excessive heat or contact with acids incompatibility.
Reactivity Index:	Unknown
Hazardous Decomposition:	None
Polymerization:	Will not polymerize

*** Section 6 - HEALTH HAZARD DATA ***

OSHA permissible exposure limit:	None	ACGIH Threshold limit Value:	None
IARC/NTP Carcinogen:	Not Listed	Mutagenic:	Not Listed
Teratogenic:	Not Listed	Reproductive Toxicity:	Not Listed
Medical Conditions Aggravated by Exposure:	None	Primary routes of exposure:	Body Contact

***** Section 6 - HEALTH HAZARD DATA *****

CONTINUED

Effects of Exposure:	Inhalation:	Inhalation of mist may result in respiratory tract irritation.
	Eyes:	May cause injury
	Ingestion:	Causes irritation to the digestive and respiratory tract
	Skin:	Mild irritation
EMERGENCY FIRST AID:	Inhalation:	Consult a physician if mist is inhaled
	Eyes:	Wash with tempered water for 15 minutes
	Ingestion	Drink plenty of water or fruit juice. Obtain the services of a physician immediately.
	Skin:	Wash with water

***** Section 7 - PRECAUTIONS FOR SAFE STORAGE, HANDLING AND USE *****

Storage Temperature:	Ambient
Usual Shelf Life:	Unlimited
Spill Response:	Confine the spill into a dike area or sump if possible. Recover as much of the liquid as possible. Do not allow run-off to sewer systems.
Waste Disposal:	Reclaim and reuse as much as possible.
Storage & Handling Precaution:	In handling and storage, keep separate from acids.
Hygienic Practices:	No unusual requirements.
Cleaning Equipment:	Before using, repairing or providing maintenance of contaminated equipment, drain and rinse with water.

***** Section 8 - PROTECTION AND CONTROL *****

Respiratory Protection:	Not required
Protective Gloves:	Use suitable protective rubber or plastic gloves to avoid prolonged or repeated skin contact.
Eye Protection:	Goggles, or goggles and face shield.
Ventilation Recommended:	Not required
Other protective equipment:	Emergency eye wash and safety shower

***** Section 9 - TRANSPORTATION *****

Usual Shipping Containers:	Trucks, Tanks, Mini-Bulks.
Transport Temperature:	Ambient
Placard:	None required. Not a DOT hazardous material.

***** Section 10 - ADDITIONAL INFORMATION *****

Emergency Overview:
Product is a dark brown aqueous solution. Product is irritating to the eyes. Inhalation of mists and vapors should be avoided, as it may be irritating to the respiratory system.

Miscellaneous Information:

Use with caution and according to specifications on manufacturer's label. MSDS may not fully reflect manufacturer's recommendations. Containers will contain residues of the product. Do not re-use containers for any purpose other than transporting, storing, or mixing of fertilizers. The information accumulated herein is believed to be accurate but is not warranted to be whether origination with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

