

# ***Valudor Products***

## **SAFETY DATA SHEET**

### **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

Product Name	EDTA Mn 13%
Supplier	Valudor Products, LLC. 179 Calle Magdalena Suite 100 Encinitas, CA 92024
Telephone	760-635-8500
Emergency Telephone	(800) 535 5053
CAS Number	15375-84-5

### **SECTION 2: HAZARD IDENTIFICATION**

Hazard symbol	None
Signal word	None
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	Prevention-Observe good industrial hygiene practices. Response-Wash hands after handling. Storage-Store away from incompatible materials. Disposal-Dispose of contents/container in accordance with local/regional /national/international regulations.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS number	%
EDTA Mn 13%	15375-84-5	90 - 100

### **SECTION 4: FIRST AID MEASURES**

Skin	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eyes	Rinse with water. Get medical attention if irritation develops and persists.

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## **SECTION 5: FIRE-FIGHTING MEASURES**

Suitable extinguishing media	Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case
Fire-fighting equipment/instructions	In the event of fire, cool tanks with water spray.
Specific methods	Special Fire Fighting Procedures

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	Keep out of low areas. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for	Stop the flow of material, if this is without risk. Collect

containment and cleaning up	spillage. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.
Environmental precautions	Avoid release to the environment. Contact local authorities in case of spillage to drain/ aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

## **SECTION 7: HANDLING AND STORAGE:**

Precautions for safe handling	Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid release to the environment. Do not empty into drains.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store in a cool, dry place out of direct sunlight. Store away from incompatible materials.

## **SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION INFORMATION**

Engineering Controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Protective Clothing or Equipment	Wear safety glasses with side shields (or goggles). Wear appropriate thermal protective clothing, when necessary. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Solid. Dry flowable powder or granules.
Odor	Mild

Color	Pink
Solubility	300 g/l @ 20 degrees C
pH	5.5-8

**SECTION 10: STABILITY AND REACTIVITY DATA**

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure	<p><u>Ingestion</u> Based on available data, the classification criteria are not met.</p> <p><u>Inhalation</u> Due to lack of data the classification is not possible.</p> <p><u>Skin contact</u> Due to lack of data the classification is not possible.</p> <p><u>Eye contact</u> Due to lack of data the classification is not possible.</p>
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.

**Information on toxicological effects**

Acute toxicity	Species	Test Results
<u>Acute</u>		
Oral LD50	Rat	>1500 mg/kg, estimated
LC50	Fish	>100 mg/l, 96 h



**SARA 311/312 Hazardous chemical No**

**SECTION 16 OTHER INFORMATION**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Southern Agricultural Insecticides, Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Southern Agricultural Insecticides, Inc. has been advised of the possibility of such damages.