

EDTA-CU-15

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Label Name: Ethylenediaminetetraacetic acid dicopper salt, tetrahydrate

Address: Agrowchem, Inc.
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2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is to be considered as a substance on conformance to EC directives

Chemical description: Ethylenediaminetetraacetic acid dicopper salt, tetrahydrate

Number	% w/w	CAS Number	Chemical Name
1	min. 99	39208-15-6	Ethylenediaminetetraacetic acid dicopper salt, tetrahydrate

Hazard Symbols: XI

Risk Phrases: 36/37/38

3. HAZARDS IDENTIFICATION

Emergency Overview: Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eye: Causes eye irritation.

Skin: Causes skin irritation.

Ingestion: May cause irritation of the digestive tract.

Inhalation: Causes respiratory tract irritation.

Chronic: Not available.

4. FIRST AID MEASURES

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion: Get medical aid. Wash mouth out with water.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician: Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media: In case of fire use water spray, dry chemical, carbon dioxide, or chemical foam.

Auto ignition Temperature: Not available.

Flash Point: Not available.

NFPA Rating: Not published.

Explosion Limits, Lower: Not available.

Explosion Limits, Upper: Not available.

6. ACCIDENTAL RELEASE MEASURES

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

7. HANDLING AND STORAGE

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage: Store in a cool, dry place. Store in a tightly closed container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation to keep airborne concentrations low.

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical State:</u>	Powder
<u>Appearance:</u>	Blue
<u>Odor:</u>	Not available
<u>pH:</u>	Not available
<u>Vapor Pressure:</u>	Not available
<u>Viscosity:</u>	Not available
<u>Boiling Point:</u>	Not available
<u>Freezing/Melting Point:</u>	Not available
<u>Decomposition Temperature:</u>	Not available
<u>Solubility:</u>	Soluble in water
<u>Specific Gravity/Density:</u>	Not available
<u>Molecular Formula:</u>	Not available
<u>Molecular Weight:</u>	445.33

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Not available.

Incompatibilities with Other Materials: Not available.

Hazardous Decomposition Products: Carbon monoxide, oxides of nitrogen, carbon dioxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

RTECS #: CAS# 39208-15-6 unlisted.

LD50/LC50: Not available.

Carcinogenicity: Ethylenediaminetetraacetic acid dicopper salt, tetrahydrate - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

12. ECOLOGICAL INFORMATION

For further information, contact Sichuan Hui Yi.

13. DISPOSAL CONSIDERATIONS

US DOT	No information available
IMO	Not regulated as a hazardous material.
IATA	Not regulated as a hazardous material.
RID/ADR	Not regulated as a hazardous material.
Canadian TDG	No information available.

14. REGULATORY INFORMATION

Product Label Name: Ethylenediaminetetraacetic acid dicopper salt, tetrahydrate

Labeling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases: R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 39208-15-6: No information available.

15. ADDITIONAL 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 way shall the company 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 the company has been advised of the possibility of such damages.