

MATERIALS SAFETY DATA SHEET

EDTA Cu 15% FERTILIZER

NO.112 DATE : MAY 01,2019

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

IDENTITY: EDTA Cu 15% FERTILIZER

Ethylenediaminetetraacetic acid, copper disodium complex,

Trade Name: EDTA-Cu-15%

Manufacturer NABTA Co., Ltd.

ADD.: 5-4-101RM, JINGCHENGXIUFU, NO. 58, FANGZHUANG
NANLU, BEIJING-CHINA

E-mail: nabta@nabta.com Tel:00861087678103

Person Responsible for this SDS: JIANG JUN

Emergency Telephone Number: +86-10-87678103

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

Chemical description: Ethylenediaminetetraacetic acid, copper disodium complex, approx. 100%

Composition / information on ingredients

Number	% w/w	CAS Number	Chemical Name
1	99-100	14025-15-1	EDTA Cu 15% FERTILIZER

3. HAZARDS IDENTIFICATION

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

Appearance: powder (25°C)

Colour: blue Original color

Odour: odourless

Boiling point/range: not applicable

Melting point/range: Decomposes without melting

Flash point: not relevant

Flammability: not relevant

Auto ignition temperature: >300°C

Explosive properties: not relevant

Explosion limits: not relevant

Oxidizing properties: not applicable

Vapour pressure: not relevant

Density: not relevant

Bulk density: approx. 850kg/m³

Solubility in water: 1200 g/L (20°C)

pH value: pH approx. 5 (1% solution)

Partition coefficient n-octanol/water: not determined

Relative vapour density (air = 1): not relevant

Viscosity: not relevant

Decomposition temperature: >300°C

10. STABILITY AND REACTIVITY

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

No experimental toxicological data of the product as such available.

12. ECOLOGICAL INFORMATION

No experimental ecological data are available on the preparation as such. From structurally related products the following may be expected;

Degradation Biotic: Not readily biodegradable

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. Transport Information

Proper shipping name: EDTA Cu 15% FERTILIZER

Label requirement: None

Packing group: N/A

UN: None

CAS: 14025-15-1

15. REGULATORY INFORMATION

Nabta Co.Ltd. RM 5-4-101 Jingchengxiufu, No.58, FangZhuang NanLu, Beijing, CHINA
PH.0086 10 87678103 Fax:0086 10 67656556; [Http://www.nabta.com](http://www.nabta.com); E-mail :nabta@nabta.com

Symbol(s): none

R (isk) phrase(s): none

S (afety) phrase(s): none

16. OTHER INFORMATION

Date Issue the SDS: SEP.02,2017

Date revision SDS: OCT.14,2017

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

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