MATERIAL SAFETY DATA SHEET

OXALIC ACID, DIHYDRATE

DATE：September 30, 2016

REVISION： 2

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1 - PRODUCT IDENTIFICATION AND COMPANY INFORMATION

Company Name: **WEIFANG TAINUO CHEMICAL CO., LTD**

Address: NO.465,WENHUA ROAD,WEIFANG CITY,SHANDONG,CHINA.

Emergency Phone: 0086-536-2106758

Other Name: ACIDO OXALICO,DIHYDRATE

Formula: $H_2C_2O_4$. $2H_2O$

Formula WT.: 126.07

CAS NO.: 6153-56-6

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2 - INGREDIENTS

CHEMICAL COMPONENT	%	CAS NO.
$H_2C_2O_4$. $2H_2O$	99.6	6153-56-6
SULFATE	0.2	

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3 – HAZARDS IDENTIFICATION

DOT Hazard Class： Not Regulated

EMERGENCY OVERVIEW: Odorless, white crystals. It is irritating to the eyes, skin and mucous membranes. Harmful if ingested. Corrosive vapors may form in a fire. Keep away from oxidizers.

POTENTIAL HEALTH EFFECTS:

Eyes: Can cause irritation.

Skin: Can cause irritation.

Inhalation: Can cause serious corrosive damage to the mouth throat and stomach.

Ingestion: Is harmful and fatal if large doses are swallowed.

CARCINOGENICITY: Not listed under OSHA, IARC, or NTP.

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4 - FIRE AND AID MEASURES

Eyes: Wash immediately with plenty of water for at least 15 minutes.

Skin: Remove contaminated clothing and wash off skin with soap and water.

Inhalation: Remove to the fresh air.

Ingestion: Do not induce vomiting. Give diluted milk of magnesia, lime water or milk, if conscious.

With All Of The Above: Seek medical attention if conditions persist.

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5 – FIRE FIGHTING MEASURES

Flash Point: Not Flammable

Flammable Limits: Not Applicable

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and goggles. Remove from the fire area if safely possible.

Unusual Fire Explosion Hazard: Above 250℉, material may sublime to irritating corrosive vapor or mist.

Auto Ignition Temperature: Not Applicable

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6 – ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel.
Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

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7 – HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials. Product is slightly hydroscopic and should be stored in a dry area to prevent moisture pick up and caking.

8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area.

SKIN AND EYE PROTECTION:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE LIMITS: None Established.

9 – PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR = 1): Not Applicable

Specific Gravity (H2O = 1): 1.65 Bulk Density: Not Available

Percent Volatile by Volume (%): Not Applicable

Melting Point: 101℃

Evaporation Rate (Butyl Acetate = 1): Not Applicable

Solubility in Water: Moderate

pH: Solutions are acidic.

10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Toxic fumes of Co_x and Formic Acid.

KEEP AWAY FROM: Strong oxidizer, alkalies, chlorides, hypochlorites and furfuryl alcohol.

11 – TOXICOLOGICAL INFORMATION

Not Applicable

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12 – ECOLOGICAL INFORMATION

Not available

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13 – DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE # : Not Listed

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14 – TRANSPORTATION INFORMATION

SHIPPING NAME:……**OXALIC ACID, DIHYDRATE**

RID/ADR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

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15 – REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCE CONTROL ACT) :

This product is listed on the TSCA Inventory.

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Immediate (acute) Health Hazard.

16– REMARK

This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. WEIFANG TAINUO CHEMICAL CO., LTD shall not be held liable for any damage resulting from handling or for contact with the above product. It is offered solely for your consideration and verification.