

MATERIAL SAFETY DATA SHEET

L-FERROUS LACTATE

SECTION 1- MATERIAL/COMPANY IDENTIFICATION

Company Name Musashino Chemical (China) Co., Ltd.
Head Office No. 239 HuiRen Av. Xiaolan Economy Development Zone of
Nanchang, Jiangxi, 330200 China
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Charge Department Safety Management Department
Responsibility for MSDS Safety Manager Fan Gui-Zeng
Emergency Tel. +86-791-5761055
MSDS Revision Date June 12, 2010

SECTION 2- COMPSITION/INFORMATION ON INGREDIENTS

Chemical name Iron(II)-L(S)-2-Hydroxy propionate
Component 96%up
Formula $[\text{CH}_3\text{CH}(\text{OH})\text{COO}]_2\text{Fe}\cdot 2\text{H}_2\text{O}$
Mol.W. 233.99(anhydrous)
CAS NO. 5905-52-2

SECTION 3- HAZARDS IDENTIFICATION

Hazards Class Not applicable

SECTION 4- FIRST AID MEASURES

General advice Show this safety data sheet to the doctor in attendance.
Skin contact Immediately remove all contaminated clothing, including
footwear. flush skin and hair with plenty of water or tepid water.
Eye contact Immediately hold eyelids apart and flush eyes with plenty of
water at least 15minutes.If irritation persists, call a physician.
Inhalation Immediately remove to fresh air.
If breathing is difficult, give oxygen, call a physician.
Ingestion If swallowed, give plenty of water. If in doubt, Call a physician
immediately.

SECTION 5- FIRE FIGHTING MEASURES

Fire extinguish Remove the source of ignition. Use water spray or
extinguishing media
Extinguishing media Carbon dioxide(CO₂), foam

SECTION 11- TOXICOLOGICAL INFORMATION

Mutagenicity	Negative to Ames test Recognized a chromosomal aberration to CHL cell. Negative to micronucleus test
Acute toxicity	LD50 287 mg/kg-bw. (rabbit,vein) LD50 578 mg/kg-bw. (rabbit,hypoderman) LD50 147 mg/kg-bw. (mouse,oral)
Tumorigen	LDL0 4200 mg/kg-bw. (mouse, hypodermal)

SECTION 12- ECOLOGICAL INFORMATION

Mobility	Completely soluble, readily biodegradable, does not occur hazardous polymerization.
Chemical Oxygen Demand (COD)	0.84 g O ₂ /g

SECTION 13- DISPOSAL CONSIDERATIONS

Contaminated packaging	Decontaminate empty containers with water, dilute with water and flush to waste system. Recycle containers if possible.
Further information	Treatment, storage, transportation, and disposal must be in accordance with local regulations.

SECTION 14- TRANSPORATION INFORMATION

Transporation information	Sticking properly on label, indicating material name, lot No., net weight etc.The materials transportation by vehicles, the sender serves deliverers with instructions for safe handling. In transportation confirm leakless of the container, and load the materials not to upset, fall and damage. Secure preventing the load from falling.
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SECTION 15- REGULATORY INFORMATION

SAFETY USING CHEMICAL REGULATORY IN WORKING SITE (CHINA)
CHINA Food Additive (Food Sanitation Law)