

Iron Chelaat



Safety Data Sheet

according to Regulation (EC) No. 453/2010

Solutions & More

Revision date:

Supersedes:

Version: 2011.01

SECTION 1: Identification of the substance/mixture and of the company undertaking**1.1. Product identifier**

Substance name :

Chemical name : Metaalchelaat

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Main use category : Industrial use, Professional use

Use of the substance/preparation : Fertilizer.

Function or use category : Fertilisers

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Biron Solutions & More
 Fazantendreef 10
 8251 JR Dronten - Nederland
 T +31 (0)321-336730
info@biron.nl

1.4. Emergency telephone number

Emergency number : Biron B.V.: +31 (0)6 2413 6514 of Vergiftingscentrum +31 (0) 30 274 8888

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition information on ingredients**3.1. Substances**

Name	Product identifier	%	Classification according to Directive 67/548/EEC
(Main constituent)		100	Not classified
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(Main constituent)		100	Not classified

Full text of R-, H- and EUH-phrases: see section 16.

3.2. Mixtures

Not applicable

SECTION 4: First aid measures**4.1. Description of first aid measures**

First-aid measures after inhalation : Remove the victim into fresh air.

First-aid measures after skin contact : Do not apply (chemical) neutralizing agents. Soap may be used. Wash immediately with lots of water.

First-aid measures after eye contact : Take victim to an ophthalmologist if irritation persists. Rinse immediately with plenty of water for 15 minutes. Do not apply neutralizing agents.

First-aid measures after ingestion : Immediately after ingestion: give lots of water to drink. Rinse mouth with water. Do NOT induce vomiting. Seek medical attention immediately.

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4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray.

Unsuitable extinguishing media : high volume water jet.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : complete protective suit against chemicals. Wear suitable gloves. Boots.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear suitable protective clothing.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

6.3. Methods and material for containment and cleaning up

For containment : Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Waste to eliminate according to chemical waste law.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid dust formation.

7.2. Conditions for safe storage, including any incompatibilities

Prohibitions on mixed storage : Keep away from food, drink and animal feeding stuffs.

Storage area : Store in a dry area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Hand protection : rubber or plastic gloves.

Eye protection : Safety spectacles with side shields.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : If the occupational exposure limit is exceeded :.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Granular powder.

Colour : Yellow-brown.

Odour : stuffy odour.

Odour threshold : No data available

pH : 6-7

Melting point : No data available

Solidification point : No data available

Boiling point : No data available

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Flash point	: No data available
Relat. evapor. rate comp. to butylacetate	: No data available
Flammability (solid, gas)	: No data available
Explosive limits	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Water: 75 g/l
Log Pow	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

Strong bases, oxidizing agents.

10.4. Conditions to avoid

Prevent moisture contact. Avoid high temperatures.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No decomposition if stored normally.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

LD50 oral rat	2000 mg/kg
LD50 dermal rat	mg/kg
LC50 inhalation rat (mg/l)	mg/l/4h

Skin corrosion/irritation : Not classified
pH: 6-7

Serious eye damage/irritation : Not classified
pH: 6-7

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

LC50 fishes 1	> 100 mg/l
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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)

: Dispose of contaminated materials in accordance with current regulations.

Waste treatment methods

: Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.

SECTION 14: Transport information

No dangerous good in sense of transport regulations.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No additional information available

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.