

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

Product name: Leaf Fe

Product code: 8407

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

Use of substance / mixture: Fertiliser

1.3. Details of the supplier of the safety data sheet

Company name: Agro-vital BV
Molenstraat 10-1
8391 AJ Noordwolde - The Netherlands

Phone +31 (0)561-433115
Fax: +31 (0)561-432677
Email: info@agro-vital.com
Phone +31 (0)561-433115

Email: info@agro-vital.com

1.4. Emergency telephone number

Emergency tel: +31 (0)561-433115

Section 2: Hazards identification**2.1. Classification of the substance or mixture****Classification under CHIP:** This product has no classification under CHIP.**2.2. Label elements****Label elements under CHIP:****Hazard symbols:** No significant hazard.**Safety phrases:** S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

2.3. Other hazards**PBT:** This substance is not identified as a PBT substance.**Section 3: Composition/information on ingredients****3.2. Mixtures**

Hazardous ingredients:
IRON (II) SULPHATE (1:1) ANHYDROUS

EINECS	CAS	CHIP Classification	CLP Classification	Percent
231-753-5	7782-63-0	Xn: R22; Xi: R36/38	-	10-30%

CITRIC ACID ANHYDROUS POWDER (DO NOT USE)

EINECS	CAS	CHIP Classification	CLP Classification	Percent
201-069-1	77-92-9	Xi: R36 Substance with a Community workplace exposure limit.	-	1-10%

DISODIUM SALT OF MONO- AND DI-ALKYL DISULPHONATED DIPHENYLOXIDE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	-	N: R51/53; Xi: R41	-	<1%

Section 4: First aid measures
4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures
5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage
7.1. Precautions for safe handling

Handling requirements: Smoking is forbidden. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)
Section 8: Exposure controls/personal protection
8.1. Control parameters

Workplace exposure limits: Not applicable.

8.2. Exposure controls

Engineering measures: Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Dark red

Odour: Barely perceptible odour

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Highly soluble

Viscosity: Non-viscous

Boiling point/range°C: No data

Melting point/range°C: No data

Flammability limits %: lower: No data

upper: No data

Flash point°C: No data

Part.coeff. n-octanol/water: No data

Autoflammability°C: No data

Vapour pressure: No data

Relative density: 1.270 ± 0.010

pH: 1+/-1

VOC g/l: No data

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity**10.1. Reactivity**

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions**10.4. Conditions to avoid**

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information**11.1. Information on toxicological effects**

Toxicity values: Not applicable.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

Other information: Not applicable.

Section 12: Ecological information**12.1. Toxicity**

Ecotoxicity values: Not applicable.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R41: Risk of serious damage to eyes.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.