2. **Hazards**

The substance is not classified as hazardous under the CLP regulations.

3. **Composition/information on ingredients**

**Main ingredient:** Ferric (hydr)oxide

**Composition (percentage by weight based on dry substance):**
- Fe$_2$O$_3$·3H$_2$O: 80 - 100%
- Inert (sand): 1 - 10%
- Ca: <0.1 - 5%
- P: 0.1 - 4%
- Al: <0.1 - 0.3%
- Mg: <0.1 - 0.3%
- Mn: <0.1 - 4%
- Dry matter: 7.5 - 30%

4. **First-aid measures**

**Under normal use:** N/a

**Other measures:**
- Ingestion: In very large quantities, consult doctor
- Inhalation: N/a
- Skin contact: N/a
- Eye contact: Rinse with water; consult doctor

5. **Fire-fighting measures**

Ferric (hydr)oxide is non-combustible. All commonly available extinguishing media can be used.

6. **Accidental release measures**

Rinse with water.
7. Handling and storage
Handling: No special measures.
Storage: Store preferably in tanks, bunker/silos or, in the case of dewatered material, by stock-piling using retention walls.

8. Exposure controls/personal protection
Inhalation: None
Skin contact: None
Eye contact: Safety glasses
Dust emission: Dust mask P1 or P3

9. Physical and chemical properties
Physical state: Dewatered or aqueous suspension
Colour: Yellow to reddish brown
Odour: Neutral
Melting point (Fe₂O₃): 1565°C
Relative density: 1.05 - 1.20
Water solubility: < 1 µg/l Fe at 20°C
pH (dissolved) 7-8

10. Stability and reactivity
Stability: The substance is stable.

11. Toxicological information
The substance is not toxic.

Detailed information is contained in the Safety Data Report: Ferric(hydr)oxide. This document is available on request from AquaMinerals.

12. Ecological information
The substance is not ecotoxic.

Detailed information is contained in the Safety Data Report: Ferric(III)oxide. This document is available on request from AquaMinerals.

13. Disposal considerations
Dispose according to national regulations for non-hazardous, non-combustible substances.

14. Transport information
Transport according to national, European (EU) and international (OECD, ADR, IMDG, IATA) regulations for non-hazardous substances.

15. Regulatory information
The substance is not classified as hazardous according to (EG) No 1272/2008 (CLP).
This Safety Data Sheet is not legally required but a service to downstream users.

16. Other information
Modifications in this version.
This is version 2 since the REACH registration.

Need more information?:
Detailed information is contained in the Safety Data Report: Ferric(III)oxide. This document is available on request from AquaMinerals.

Disclaimer
The above information presents the safety data for the product ferric(III)oxide. All the information is based on current knowledge. The information is intended as a guideline for safely managing this product, as well as its storage, processing, transport and disposal. Modifying the information or using it for other products is prohibited. Mixing, grinding and/or processing ferric(III)oxide with other products might render this information no longer entirely applicable to the new material. The user is responsible for taking the necessary precautionary measures, as well as for ensuring that the information is complete and sufficient for the safe use of this product.