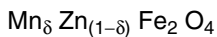


**ENVIRONMENTAL ASPECTS OF SOFT FERRITES**

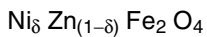
Our range of soft ferrites has the general composition  $\text{MeFe}_2\text{O}_4$  where Me represents one or several of the divalent transition metals such as manganese (Mn), zinc (Zn), nickel (Ni), or magnesium (Mg).

To be more specific, all materials starting with digit 3 are manganese zinc ferrites based on the MnZn composition.

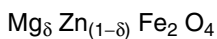
Their general chemical formula is:



Materials starting with digit 4 are nickel zinc ferrites based on the NiZn composition. Their general chemical formula is:



Materials starting with digit 2 are magnesium zinc ferrites based on the MgZn composition. Their general chemical formula is:

**General warning rules**

- With strong acids, the metals iron, manganese, nickel and zinc may be partially extracted.
- In the event of fire, dust particles with metal oxides will be formed.
- Disposal as industrial waste, depending on local rules and circumstances.

**Information about RoHS compliance**

Ferroxcube warrants that all products supplied by Ferroxcube do not contain the hazardous substances as described by the directive 2002/95/EC and 2003/11/EC of the European Parliament and the Council of January 27th 2003 and February 6th 2003 "On the restriction of the use of certain hazardous substances in electrical and electronic equipment" (RoHS).

This warranty applies to :

- All bare ferrite cores
- Coated toroids (nylon, epoxy, parylene)
- Encapsulated (plastic) toroids
- Encapsulated (plastic) cable shields
- Coilformers and mounting plates (plastic and metal)
- Metal parts
- Wound ferrites (metal)
- Multi-layer inductors and suppressors (metal)