GHS Classification

ID1263   **zinc oxalate**

CAS 547-68-2   Date Classified: Nov. 20, 2006 (Environmental Hazards: Mar. 31, 2006)

Physical Hazards   Reference Manual: GHS Classification Manual (Feb. 10, 2006)

	Hazard class	Classification	symbol	signal word	hazard statement	Rational for the classification
1	Explosives	Not applicable	–	–	–	There are no chemical groups associated with explosive properties present in the molecules.
2	Flammable gases	Not applicable	–	–	–	Solid (GHS definition)
3	Flammable aerosols	Not applicable	–	–	–	Not aerosol products
4	Oxidizing gases	Not applicable	–	–	–	Solid (GHS definition)
5	Gases under pressure	Not applicable	–	–	–	Solid (GHS definition)
6	Flammable liquids	Not applicable	–	–	–	Solid (GHS definition)
7	Flammable solids	Classification not possible	–	–	–	No data available
8	Self-reactive substances and mixtures	Not applicable	–	–	–	There are no chemical groups associated with explosive or self-reactive properties present in the molecule.
9	Pyrophoric liquids	Not applicable	–	–	–	Solid (GHS definition)
10	Pyrophoric solids	Classification not possible	–	–	–	No data available
11	Self-heating substances and mixtures	Classification not possible	–	–	–	No data available
12	Substances and mixtures, which in contact with water, emit flammable gases	Not classified	–	–	–	Stable to water (the water solubility is obtained)
13	Oxidizing liquids	Not applicable	–	–	–	Solid (GHS definition)
14	Oxidizing solids	Classification not possible	–	–	–	No data available
15	Organic peroxides	Not applicable	–	–	–	Inorganic compound (Lide, 85th (2004))
16	Corrosive to metals	Classification not possible	–	–	–	Test methods applicable to solid substances are not available.

Health Hazards

	Hazard class	Classification	symbol	signal word	hazard statement	Rational for the classification
1	Acute toxicity (oral)	Classification not possible	–	–	–	No data available
1	Acute toxicity (dermal)	Classification not possible	–	–	–	No data available
1	Acute toxicity (inhalation: gas)	Not applicable	–	–	–	Solid (GHS definition)
1	Acute toxicity (inhalation: vapour)	Classification not possible	–	–	–	No data available
1	Acute toxicity (inhalation: dust, mist)	Classification not possible	–	–	–	No data available
2	Skin corrosion / irritation	Classification not possible	–	–	–	Data without. In addition, also refer to oxalic acid (ID No.0595, CAS No.144-62-7).
3	Serious eye damage / eye irritation	Classification not possible	–	–	–	Without Data. In addition, refer to oxalic acid (ID No.0595, CAS No.144-62-7).
4	Respiratory/skin sensitization	Respiratory sensitization: Classification not possible; Skin sensitization: Classification not possible	(Respiratory sensitization)–; (Skin sensitization)–	(Respiratory sensitization)–; (Skin sensitization)–	(Respiratory sensitization)–; (Skin sensitization)–	No data available
5	Germ cell mutagenicity	Classification not possible	–	–	–	No data available
6	Carcinogenicity	Classification not possible	–	–	–	Although IRIS (2005) has classified zinc compounds into I (corrsponding to outside of category), there is no this product data, and since data is insufficient. So it cannot beclassified.
7	Toxic to reproduction	Classification not possible	–	–	–	Although there is description in EHC 221 (2001) that reproductive toxicity was seen by medication of the zinc compound in two or more animal experiments, there is no this product data. And data is insufficient, it cannot be classified.

	Hazard class	Classification	symbol	signal word	hazard statement	Rational for the classification
8	Specific target organs/systemic toxicity following single exposure	Classification not possible	–	–	–	No data. In addition, also refer to oxalic acid (ID No.0595, CAS No.144–62–7).
9	Specific target organs/systemic toxicity following repeated exposure	Classification not possible	–	–	–	No data. In addition, also refer to oxalic acid (ID No.0595, CAS No.144–62–7).
10	Aspiration hazard	Classification not possible	–	–	–	No data available

Environmental Hazards

	Hazard class	Classification	symbol	signal word	hazard statement	Rational for the classification
11	Hazardous to the aquatic environment (acute)	Classification not possible	–	–	–	No data available
11	Hazardous to the aquatic environment (chronic)	Classification not possible	–	–	–	No data available.