

## GHS Classification

**ID1266**

**iron(II) oxalate**

**CAS 516-03-0**

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	Not classified	-	-	-	Dihydrate of this product is stated to be "nonflammable" in CHRIS-Chemical Hazard Response Information System (U. S.DOT/U.S.Coast Guard, 1999); therefore, it was classified as out of Category.
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	Not classified	-	-	-	There was a description referring to dihydrate of this substance as "nonflammable" in CHRIS-Chemical Hazard Response Information System (U. S.DOT/U.S.Coast Guard, 1999), and thus it was defined as "out of Category".
11 Self-heating substances and mixtures	Not classified	-	-	-	CHRIS-Chemical Hazard Response Information System (U. S.DOT/U.S.Coast Guard, 1999) has the statement that dihydrate of the this product is "nonflammable", and it carried out outside of category.
12 Substances and mixtures, which in contact with water, emit flammable gases	Not classified	-	-	-	Stable to water. (As for dihydrate of this substance, the value of the water solubility is acquired.)
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	-	-	-	No data available
7 Toxic to reproduction	Classification not possible	-	-	-	No data available

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.