

GHS Classification

ID1294

copper iodide

CAS 7681-65-4

Date Classified: Sep. 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 | - | - | - | Non-combustible (BGIA, GESTIS-database on hazardous substances, Accessed in Aug. 2006) |
| 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 | - | - | - | Non-combustible (BGIA, GESTIS-database on hazardous substances, Accessed in Aug. 2006) |
| 11 Self-heating substances and mixtures | Not classified | - | - | - | Non-combustible (BGIA, GESTIS-database on hazardous substances, accessed in Aug. 2006) |
| 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 |
| 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 | Category 3 | - | Warning | Causes mild skin irritation | From description (HSDB, 2003) that the human skin is stimulated, this product was set to 3. |
| 3 Serious eye damage / eye irritation | Category 2B | - | Warning | Causes eye irritation | From description (HSDB, 2003) that a human's eye is stimulated with this product, it is set as Category 2B. |
| 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)- | Respiratory sensitization: no data available. Skin sensitization: in the Association of Industrial Health (2005), although skin sensitization is suspected as iodine and its compound, it was presupposed that it cannot classify since data is insufficient. |
| 5 Germ cell mutagenicity | Classification not possible | - | - | - | No data available |
| 6 Carcinogenicity | Classification not possible | - | - | - | Data without. In addition, copper is classified into D (corresponding to outside of category) according to IRIS (1991). |
| 7 Toxic to reproduction | Classification not possible | - | - | - | No data available |

| | | | | | | |
|----|--|---|------------------|---------|---|--|
| 8 | Specific target organs/systemic toxicity following single exposure | Category 3 (respiratory tract irritation) | Exclamation mark | Warning | may cause respiratory irritation or may cause drowsiness and dizziness (respiratory tract irritation) | From description (HSDB, 2003) that this product stimulates a human airway, it was considered as Category 3 (respiratory irritant). |
| 9 | Specific target organs/systemic toxicity following repeated exposure | Classification not possible | - | - | - | No data available |
| 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. |