
[6] ACCIDENTAL RELEASE MEASURES

- Cautions for personnel : Wear proper equipment and avoid contact with skin and inhalation of vapor.
- Cautions for environmental : Attention should be given not to cause damage to the environment by flowing of spillage to rivers.
: In case of the dilution of copious water, do not cause damage to the environment by untreated wastewater.
- Removal measures : Absorb spill with paper or cloth.
: Wash thoroughly with water

[7] HANDLING AND STORAGE

- Handling
- Engineering measures : Wear proper protective equipment not to contact with skin or inhale the vapor.
: Handle not to generate aerosol or vapor.
- Cautions for safety handling : Use with an enclosed system or a local exhaust ventilation
- Storage
- Adequate storage condition : Store in a dark, cool place and tightly closed.
- Safety adequate container materials : Glass, polyethylene, polypropylene

[8] EXPOSURE CONTROL/PERSONAL PROTECTION

- Engineering measures : Use only with adequate ventilation and in closed systems.
- Control parameters
- ACGIH(2009) : Not applicable
- Protective equipment
- Respiration protective equipment : Not necessary
- Hands protective equipment : Impervious protective gloves
- Eyes protective equipment : Safety goggles

[9] PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Liquid
- Colour : Colourless
- Odor : Odorless
- pH : 9.0-11.0
- Boiling point : Not Available
- Melting point : Not Available
- Flash point : Noncombustible
- Specific gravity : Approx. 1.1 g/mL
- Solubility : Water: Freely soluble

[10] STABILITY AND REACTIVITY

- Stability : Stable under normal usage
- Reactivity : oxidized gradually in air
- Incompatible conditions : Light, heat
- Incompatible materials : Oxidizing substances
- Hazardous decomposition products : Sulfur oxides

[11] TOXICOLOGICAL INFORMATION

- Acute toxicity, Oral : Out of category
- Acute toxicity, Dermal : Not possible to classify because of insufficient data
- Inhalation (gas) : Not possible to classify because of insufficient data
- Inhalation (dust, mist) : Not possible to classify because of insufficient data

	(as Sodium sulfite)
	Rat oral LD50=3560mg/kg
Skin corrosiveness	: Out of category
Irritation to skin, eyes	: Causes serious eyes irritation.(Category 2B) Since cause moderate irritaiton to the eyes of rabbit, it was classified into category 2B.
Respiratory sensitization or skin sensitization	
Respiratory sensitization	: Not possible to classify because of insufficient data
Skin sensitization	: Not possible to classify because of insufficient data
Mutagenecity	: Out of category
Carcinogenic effects	: Not possible to classify because of insufficient data
Effects on the reproductive system	: Not possible to classify because of insufficient data
Specific target organ systemic toxicity(Single exposure)	: Not possible to classify because of insufficient data Sulfite salt is oxidized and is converted to sulfate ion inside bodies,but digestive organs are irritated because of isolated sulfite ion. If human swallowed 4g of the substance,they habe poisoning digestive organs.However,it is not possible to clasify because of insufficient date
Specific target organ systemic toxicity(repeated exposure)	: Not possible to classify because of insufficient data
Aspiration hazard	: Not possible to classify because of insufficient data

【12】 ECOLOGICAL INFORMATION

Ecotoxicity	
Fish toxicity	
Acute aquatic toxicity	: Not possible to classify because of insufficient data
Chronic aquatic toxicity	: Not possible to classify because of insufficient data

【13】 DISPOSAL CONSIDERATIONS

Residual disposal	: Dilute with copious water and adjust the pH of the solution, after frush in drains.
	: Or entrust approved waste disposal companies with the disposal
Containers	: In case of disposal of empty bottles, dispose bottles after removing the content thoroughly.

【14】 TRANSPORT INFORMATION

UN class	: Not applicable
UN-Number:	: Not applicable

【15】 REGULATORY INFORMATION

Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

【16】 OTHER INFORMATION

References : Encyclopaedia Chemica, Kyoritsu Shuppan Co., Ltd.

The information contained herein is based on several references and the present state of our knowledge. However, the SDS does not always cover all information about the product, handle the product carefully. The information is intended to ordinary usage, in case of particular handlings, conduct appropriate safety measurements. The information herein is only provision of information , and it does not represent a guarantee the properties of the product