

Selenium dioxide :

Acute toxicity :

Oral—rat LD50 : 48 mg Se/kg(SeO₂ equivalent : 67.5 mg/kg) (ATSDR,2003)

Dermal—no data

Inhalation(dust,mist)—no data

Oleum :

Acute toxicity :

Oral—no data

Dermal—no data

Inhalation(dust,mist)—ratInhalationLC50 : 347ppm/1H

(= 86.7ppm/4H = 0.63 mg/L/4H)

(assuming mist)(RTECS,1995)

Sulfuric acid :

Acute toxicity :

Oral—rat LD50 : 2140mg/kg(SIDS,2001)

Dermal—no data

Inhalation(dust,mist)—rat LC50(4-h exposure) : 0.375mg/L(SIDS,2001)

Ecological information

No data

Disposal considerations

This detector tube contains 3.32mg of selenium. Should be disposed properly in accordance with local regulations.

Transport information

Avoid breakage of the detector tube due to dropping, pressurization, bending, etc.

UN number: Not applicable

UN Classification: Not applicable

IATA: Not applicable

Poisonous and Deleterious Substances Control Law: Not applicable

Fire Defense Law: Not applicable

Marine Regulation Information: Not applicable

Japanese regulatory information

Industrial Safety and Health Law : Hazardous substance No.189, 333

Other information

References :

Chemical Risk Information Platform (CHRIP): NITE

Safety website in the workplace of the Ministry of Health, Labour and Welfare

This data sheet is provided to businesses that handle hazardous chemical products as reference information for ensuring safe handling. With reference to this, business operators are requested to understand that they need to take appropriate measures in accordance with the actual conditions of individual handling, etc. at their own responsibility, and then use them. This data sheet is prepared based on JIS Z 7253(2019).The contents of this report have been prepared based on the latest information as of the date of revision, but if new information is obtained, it may be added or corrected.

This data sheet is not a guarantee of safety.
