



Oral—rat LD50:> 3,160 mg/kg (EPA pesticide ,1991),  
 > 3,300 mg/kg, > 2,000 mg/kg , > 5,000 mg/kg,  
 > 5,110 mg/kg (ECETOC JACC,2006)(SIDS,2006)  
 Dermal—rabbit LD50 :> 2,000 mg/kg, > 5,000 mg/kg  
 (ECETOC JACC ,2006) (SIDS ,2006)  
 Inhalation(dust,mist)—ratLC50(4-h exposure):  
 >0.691 mg/L , > 2.22 mg/L,  
 0.09~0.84 mg/L, 1.65 mg/L (ECETOC JACC,2006)  
 >2.08 mg/L (ECETOC JACC,2006)(SIDS,2006)

Potassium dichromate:

Acute toxicity:

Oral—rat LD50: 17 mg/kg (female), 26 mg/kg (male) (ATSDR,2012)  
 48 mg/kg (female), 74 mg/kg (male) (EU-RAR,2005)  
 149 mg/kg (female), 177 mg/kg (male) (EHC 61,1988)

Dermal—rabbit LD50: 403 mg/kg (male) (ATSDR,2012)  
 1,150mg/kg (EU-RAR,2005)

Inhalation(dust, mist)—ratLC50(4-h exposure): 0.099mg/L (EU-RAR,2005)  
 0.029 mg/L (female), 0.035 mg/L (male) (ATSDR,2012)

Sulfuric acid:

Acute toxicity: Oral—rat LD50: 2140mg/kg (SIDS,2001)

Dermal—no data

Inhalation (dust) —ratLC50(4-h exposure): 0.375mg/L (SIDS,2001)

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Ecological information

No data

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Disposal considerations

This detector tube does not contain any hazardous components. Pretreatment tube contains 0.13mg of hexavalent chromium. Should be disposed properly in accordance with local regulations.

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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

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Japanese regulatory information

Industrial Safety and Health Law : Hazardous substance No.165-2, 613(Article 57-2)

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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.

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