

Inhalation(dust,mist)—no data

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)

Ecological information

No data

Disposal considerations

This detector tube contains 1.65mg of hexavalent chromium. 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.142, 189(Article 57-2)

PRTR : 1-88 Hexavalent chromium

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.
