

化 学 品 安 全 技 术 说 明 书

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MSDS标题

HACH NITRATE IONIC STRENGTH ADJUSTOR POWDER MSDS报告

产品标题

硫酸銀

CAS号

10294-26-5

化学品及企业标识

PRODUCT NAME

HACH NITRATE IONIC STRENGTH ADJUSTOR POWDER PILLOWS

NFPA

Flammability 0

Toxicity 2

Body Contact 1

Reactivity 0

Chronic 2

SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4

PRODUCT USE

Ionic strength adjustor, buffer and interference suppressor for nitrate electrode.

CANADIAN WHMIS SYMBOLS

EMERGENCY OVERVIEW

RISK

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

Accidental ingestion of the material may be damaging to the health of the individual. Sulfates are not well absorbed orally, but can cause diarrhea. Acute toxic responses to aluminum are confined to the more soluble forms.

EYE

Although the material is not thought to be an irritant, direct contact with the eye may cause transient discomfort characterized by tearing or conjunctival redness (as with windburn). Slight abrasive damage may also result. The material may produce foreign body irritation in certain individuals.

SKIN

The material is not thought to produce adverse health effects or skin irritation following contact (as classified using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting. Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.

INHALED

The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified using animal models). Nevertheless, adverse effects have been produced following exposure of animals by at least one other route and good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Persons with impaired respiratory function, airway diseases and conditions such as emphysema or chronic bronchitis, may incur further disability if excessive concentrations of particulate are inhaled. Not normally a hazard due to non-volatile nature of product.

CHRONIC HEALTH EFFECTS

Limited evidence suggests that repeated or long-term occupational exposure may produce cumulative health effects involving organs or biochemical systems. Long term exposure to high dust concentrations may cause changes in lung function i.e. pneumoconiosis; caused by particles less than 0.5 micron penetrating and remaining in the lung. Prime symptom is breathlessness; lung shadows show on X-ray. Chronic exposure to silver salts may cause a permanent ashen gray discoloration to the skin, conjunctiva and internal organs. A mild chronic bronchitis can occur. Exposure to large doses of Aluminum has been connected with the degenerative brain disease Alzheimer's Disease.

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