ICN Biochemicals

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Quality Control Fax # 216 562 2642

MSDS

Material Safety Data Sheet

eneral Properties

'oduct: Potassium Thiosulfate, Pentahydrate

/nonym: Potassium Hyposulfite; Thiosulfuric Acid, Dipotassium Salt

atalog Number: 156344

hemical Formula: K₂S₂O₃·5H₂O

veical Description: White Powder

elting Point: > 400°C

oiling Point: Not Available

pecific Gravity: Not Available

apor Pressure: Not Available

olubility in Water: Soluble

LV of the Substance: Not Available

EL of the Substance: Not available

orage: Room Temperature

emarks This compound is not listed in the Registry of Toxic effects of Chemical Substances (RTECS) or Sax angerous Properties of Industrial Materials, Seventh Edition.

10294-66-3 RTECS # Not Available UN # Not Available

'HMIS # NC

angerous Reactions

ammability: No Unusual Hazard

ash Point (method): Not Available

inimum Ignition Temperature: Not Available

isk of explosion? No Unusual Hazard

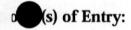
ecomposition of the substance when heated or burned: YES,

oxic fumes of SO_x and K₂O

ny Dangerous Reactions? Strong oxidizing agents, strong acids

ctinguishing Media: CO2, dry chemical, or foam

oxicological Data



halation: YES

in: YES

gestion: YES

ealth Hazards - Acute and Chronic: The toxilogical properties of this compound have not been thoroughly vestigated. Possibly toxic via oral, inhalation or absorption.

gns and Symptoms of Exposure: Unknown. May include moderate to severe erythema (redness) and oderate edema (raised skin).

ife Handling and Safe Use of Materials

oill or Release of Material

Absorb the liquid in dry sand, diatomite, vermiculite or other drying agent then shovel into suitable intainers for disposal.

d Spills - Depending upon the situation neutralize with soda ash then use one of the following methods; as up in an absorbent then shovel into suitable container for disposal, or flush away with a liberal amount of

ater.

ethods; soak up in an absorbent then shovel into suitable container for disposal, or flush away with a liberal nount of water.

.] Other procedures: Sweep into suitable container for disposal.

'aste Disposal Method:

cinerate or landfill as complies with state and local laws.

andling

lways wear gloves, mask, goggles or other protective clothing and use a hood. Follow proper laboratory ocedures.

ersonal Protection

espiratory Protection: YES

re Protection: YES

estive Gloves: YES

a local exhaust system required when the substance is used for its normal purpose? YES

rst Aid Procedures

ibstance in Contact with Skin

.] Remove contaminated clothing and rinse with copious amounts of soap and water for a considerable nount of time

Produces severe caustic burns or general disorders, call a physician

[] Call a physician

Not Hazardous

ibstance has been Swallowed

Rinse mouth several times with water, do not swallow

Drink 1 or 2 glasses of water within 15 minutes

Induce vomiting

In the case of imminent unconsciousness clear the respiratory tract and lay patient on side in a stable positic

Mways Call a physician or take patient to hospital

Not Hazardous

ibstance in Contact with Eyes

- .] Rinse liberally with water for a considerable amount of time
- [] Always call a physician or take to a hospital

Not Hazardous

ıbstance has been Inhaled

.] Take patient into the fresh air and allow to rest

In the case of imminent unconsciousness clear the respiratory tract and lay patient on side in a stable positic

] Always Call a physician or take patient to hospital

dditional Instructions:

bserve proper laboratory procedures when handling material.

ate of Preparation: 10-6-95

ne information provided with this MSDS is furnished in good faith and without warranty of any kind. Ersonnel handling this material must consider these data only as supplemental to other information gathered them and must make independent determinations of this suitability and completeness of information from I sources to assure proper use and disposal of the materials and the safety and health of employees and istomers. ICN assumes no additional liability or responsibility resulting from the use of, or reliance on this formation.

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