西亚试剂® Xiya Reagent 说明书

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化 学 品 安 全 技 术 说 明 书

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MSDS标题

O-TOLYL ISOCYANATE MSDS报告

产品标题

2-甲基苯基异氰酸酯;异氰酸邻甲苯酯;1-异氰酸-2-甲基苯;邻甲苯基异氰酸酯

CAS号

614-68-6

化学品及企业标识

PRODUCT NAME

O-TOLYL ISOCYANATE

NFPA

Flammability	1
Toxicity	3
Body Contact	2
Reactivity	1
Chronic	2

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

PRODUCT USE

Laboratory reagent; prepolymer. Persons with a history of asthma or other respiratory problems or are known to be sensitised, should not be engaged in any work involving the handling of isocyanates. [CCTRADE- Bayer, APMF].

SYNONYMS

C8-H7-N-O, C8-H7-N-O, CH3C6H4NCO, "2-methylphenyl isocyanate", "2-methylphenyl isocyanate"

CANADIAN WHMIS SYMBOLS

EMERGENCY OVERVIEW

RISK

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

Although ingestion is not thought to produce harmful effects, the material may still be damaging to the health of the individual following ingestion, especially where pre- existing organ (e.g. liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality (death) rather than those producing morbidity (disease, ill-health). Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern. Considered an unlikely route of entry in commercial/industrial environments.

EYE

Although the material is not thought to be an irritant, direct contact with the eye may produce transient discomfort characterized by tearing or conjunctival redness (as with windburn).

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. Sensitization reactions may appear suddenly after repeatedsymptom free exposures. Sensitization may result in allergic dermatitis responses includingrash, itching, hives or swelling of extremities. Toxic effects may result from skin absorption. Bare unprotected skin should not be exposed to this material.

INHALED

Inhalation may produce serious health damage*. The material is not thought to produce respiratory irritation (as classified using animal models).

Nevertheless inhalation of the material, especially for prolonged periods, may produce respiratory discomfort and occasionally, distress. Respiratory sensitization may result in allergic/asthma like responses; from coughing and minor breathing difficulties to bronchitis with wheezing, gasping.

CHRONIC HEALTH EFFECTS

There is some evidence that inhaling this product is more likely to cause a sensitization reaction in some persons compared to the general population.

Principal routes of exposure are usually by inhalation of vapor and skin contact/absorption. Sensitization may give severe responses to very low levels of exposure, i.e. hypersensitivity. Sensitized persons should not be allowed to work in situations where exposure may occur.