

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

M-TOLUNITRILE MSDS报告

### 产品标题

3-甲基苯甲腈

### CAS号

620-22-4

化学品及企业标识

## PRODUCT NAME

M-TOLUNITRILE

## NFPA

Flammability	1
Toxicity	1
Body Contact	2
Reactivity	1
Chronic	0

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

## PRODUCT USE

Laboratory reagent.

## SYNONYMS

C<sub>8</sub>H<sub>7</sub>N, CH<sub>3</sub>C<sub>6</sub>H<sub>4</sub>CN, meta-tolunitrile, 3-tolunitrile, 3-tolunitrile, m-cyanotoluene, m-cyanotoluene, 3-cyanotoluene, 3-cyanotoluene, 3-methylbenzenecarbonitrile, 3-methylbenzenecarbonitrile, m-methylbenzonitrile, m-methylbenzonitrile, 3-methylbenzonitrile, 3-methylbenzonitrile, "m-toluic nitrile", "m-toluic nitrile", m-toluonitrile, m-toluonitrile, m-tolylitrile, m-tolylitrile, m-toluenenitrile, m-toluenenitrile, MTM

## CANADIAN WHMIS SYMBOLS

None

## 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. Aromatic nitriles, unlike aliphatic nitriles, do not appear to liberate cyanide within the body.

### 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). The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

### 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. The

liquid may produce skin discomfort following prolonged contact. Defatting and/or drying of the skin may lead to dermatitis.

## **INHALED**

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Inhalation hazard is increased at higher temperatures. Inhalation of high concentrations of gas/vapor causes lung irritation with coughing and nausea, central nervous depression with headache and dizziness, slowing of reflexes, fatigue and inco-ordination. Inhalation of vapor may aggravate a pre-existing respiratory condition.

## **CHRONIC HEALTH EFFECTS**

Principal routes of exposure are usually by skin contact/absorption and inhalation of vapor.