

化 学 品 安 全 技 术 说 明 书

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MSDS标题

ORTHANILIC ACID MSDS报告

产品标题

邻氨基苯磺酸;磺基苯胺;2-氯基苯磺酸

CAS号

88-21-1

化学品及企业标识

PRODUCT NAME

ORTHANILIC ACID

NFPA

Flammability	1
Toxicity	1
Body Contact	3
Reactivity	0
Chronic	2
SCALE: Min/Nil=0 Low=1 Moderate=2 High=3 Extreme=4	

PRODUCT USE

Intermediate.

SYNONYMS

C6-H7-N-O3-S, C6-H7-N-O3-S, "benzenesulfonic acid, o-amino-", "benzenesulfonic acid, o-amino-", "o-aminobenzenesulfonic acid", "o-aminobenzenesulfonic acid", "2-aminobenzoic sulfonic acid", "2-aminobenzoic sulfonic acid", "o-aminophenylsulfonic acid", "o-aminophenylsulfonic acid", "anilino-o-sulfonic acid", "anilino-o-sulfonic acid", "anilino-2-sulfonic acid", "anilino-2-sulfonic acid", "anilino-o-sulphonic acid", "anilino-o-sulphonic acid", "o-sulfanilic acid", "o-sulfanilic acid"

CANADIAN WHMIS SYMBOLS

EMERGENCY OVERVIEW

RISK

Causes burns.

Risk of serious damage to eyes.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

The material can produce chemical burns within the oral cavity and gastrointestinal tract following ingestion. Considered an unlikely route of entry in commercial/industrial environments.

EYE

The material can produce chemical burns to the eye following direct contact. Vapors or mists may be extremely irritating. If applied to the eyes, this material causes severe eye damage. 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 can produce chemical burns following direct contact with the skin. Solution of material in moisture on the skin, or perspiration, may markedly increase skin corrosion and accelerate tissue destruction. Open cuts, abraded or irritated skin should not be exposed to this material. The material may accentuate any pre-existing skin condition. The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin.

INHALED

If inhaled, this material can irritate the throat and lungs of some persons. 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. Exposure to Sulfonates can cause an imbalance in cellular salts and therefore cellular function. Airborne sulfonates may be responsible for respiratory allergies and, in some instances, minor dermal allergies. The material may produce respiratory tract irritation, and result in damage to the lung including reduced lung function.

CHRONIC HEALTH EFFECTS

Principal routes of exposure are usually by skin contact/absorption and inhalation of generated dust. Most arylamines are powerful poisons to the blood-making system. High chronic doses cause congestion of the spleen and tumor formation. As with any chemical product, contact with unprotected bare skin; inhalation of vapor, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.