

化 学 品 安 全 技 术 说 明 书

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MSDS标题

O-AMINOACETOPHENONE MSDS报告

产品标题

O-氨基苯乙酮;2-乙酰基苯胺;2-氨基苯乙酮

CAS号

551-93-9

化学品及企业标识

PRODUCT NAME

O-AMINOACETOPHENONE

NFPA

| | |
|--------------|---|
| Flammability | 1 |
| Toxicity | 2 |
| Body Contact | 2 |
| Reactivity | 0 |
| Chronic | 0 |

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

PRODUCT USE

Laboratory reagent. Compound responsible for "foxy" odour of wines made with Vitis labrusca grapes.

SYNONYMS

C8-H9-NO, H2NC6H4COCH3, "acetophenone, 2'-amino", "acetophenone, 2'-amino", o-acetylaniline, o-acetylaniline, o-aminoacetylbenzene, o-aminoacetylbenzene, "aniline, o-acetyl-", "aniline, o-acetyl-", 2-aminoacetophenone, 2-aminoacetophenone, aminoacetophenone, 1-(2-aminophenyl)ethanone, 1-(2-aminophenyl)ethanone, "ethanone, 1-(2-aminophenyl)", "ethanone, 1-(2-aminophenyl)"

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.

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

Skin contact with the material may damage the health of the individual; systemic effects may result following absorption. The material is not thought to be a skin irritant (as classified using animal models). Temporary discomfort, however, may result from prolonged dermal exposures. Good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting. Toxic effects may result from skin absorption.

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. Not normally a risk due to low vapor pressure at ambient temperatures. Inhalation hazard is increased at higher temperatures.

CHRONIC HEALTH EFFECTS

Primary route of exposure is via skin contact. Leukoses (proliferation of leukocyte forming tissues which forms the basis of leukemia) and tumors arose in experimental rats 9-18 months after administration of the o-acetophenone. [Sergeeva, Problemy Gematologii i Perelivaniya Krovi, 14, pp 12-17, 1969] The significance of this finding is unclear in man. Absorption into the body may lead to the formation of methaemoglobin which in sufficient quantity may cause cyanosis. Onset may be delayed for up to 4 hours.