

化 学 品 安 全 技 术 说 明 书

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MSDS标题

VINDOLINE MSDS报告

产品标题

文朵灵

CAS号

2182-14-1

化学品及企业标识

PRODUCT NAME

VINDOLINE

NFPA

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

PRODUCT USE

Major alkaloid from the leaves of *Vinca rosea* Linn (*Catharanthus roseus*). Lacks physiological activity alone but is contained as the pentacyclic moiety in the antineoplastic agents vincristine and vinblastine.

SYNONYMS

C25-H32-N2-O6, "aspidospermidine-3-carboxylic acid, ", "aspidospermidine-3-carboxylic acid, ", "4-(acetyloxy)-6, 7-didehydro-3-hydroxy-16-methyl-1-methyl, methyl ester(2beta, 3beta, 4beta, 5alpha, 12beta, 19alpha)-", "4-(acetyloxy)-6, 7-didehydro-3-hydroxy-16-methyl-1-methyl, methyl ester(2beta, 3beta, 4beta, 5alpha, 12beta, 19alpha)-", vindolin, (+)-vindoline, "vinca alkaloid"

CANADIAN WHMIS SYMBOLS

EMERGENCY OVERVIEW

RISK

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

The material has NOT been classified as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence. 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, unintentional ingestion is not thought to be cause for concern.

EYE

Although the material is not thought to be an irritant, direct contact with the eye may cause transient discomfort characterized by tearing or conjunctival redness (as with windburn). Slight abrasive damage may also result. The material may produce foreign body irritation in certain individuals.

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. Open cuts, abraded or irritated skin should not be exposed to this material.

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.

CHRONIC HEALTH EFFECTS

Harmful: danger of serious damage to health by prolonged exposure through inhalation. This material can cause serious damage if one is exposed to it for long periods. It can be assumed that it contains a substance which can produce severe defects. This has been demonstrated via both short- and long-term experimentation. Vinca alkaloids are toxic to the nervous system. There may be general unwellness, headache, depression, hallucinations, "pins and needles", muscle damage, tendon reflex loss, neural inflammation of the extremities, constipation, and obstructed small bowel. The parotid gland (which produces saliva) may be painful and there can be convulsions.