

化 学 品 安 全 技 术 说 明 书

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MSDS标题

YATES SULPHATE OF IRON MSDS报告

产品标题

七水合硫酸亚铁;绿矾;铁矾

CAS号

7782-63-0

化学品及企业标识

PRODUCT NAME

YATES SULPHATE OF IRON

NFPA

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

PRODUCT USE

Micro nutrient fertiliser and herbicide.

SYNONYMS

"ferrous sulfate, heptahydrate herbicide fertiliser"

CANADIAN WHMIS SYMBOLS

EMERGENCY OVERVIEW

RISK

Harmful if swallowed.

Irritating to eyes and skin.

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

Accidental ingestion of the material may be harmful; animal experiments indicate that ingestion of less than 150 gram may be fatal or may produce serious damage to the health of the individual. Sulfates are not well absorbed orally, but can cause diarrhea. Iron poisoning results in pain in the upper abdomen and vomiting, and is followed hours later by shock, in severe cases coma and death. Iron toxicity increases in proportion to their solubility in the gastrointestinal tract. There is often vomiting of blood due to dilation of capillaries and bleeding from the walls of the gastrointestinal system. A watery diarrhea can occur, often leading to cardiovascular collapse after fluid and mineral loss and there can be a relapse marked by profound metabolic acidosis after several hours of apparent recovery. There may also be liver damage. Symptoms of poisoning include metallic taste, restlessness, lethargy, loss of muscle tone, coma, pallor or cyanosis (blue-gray skin), fast and weak pulse, low blood pressure, hyperventilation, shock, vasomotor instability and cardiovascular collapse. There may be inflammation, swelling and bleeding from the lungs, convulsions, jaundice, low blood sugar, multiple blood clotting defects, kidney damage with absence of urine, damage to the pancreas, vascular damage, blood loss, shock and vascular collapse. Survivor can display stomach scarring, obstruction or narrowing of digestive tract sphincters, liver hardening or nervous system effects.

EYE

This material can cause eye irritation and damage in some persons.

SKIN

This material can cause inflammation of the skin on contact in some persons.

Skin contact is not thought to have harmful health effects, however the material may still produce health damage following entry through wounds, lesions or abrasions.

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. 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.

CHRONIC HEALTH EFFECTS

Principal routes of exposure are by accidental skin and eye contact and inhalation of generated dusts. 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.