

## 化 学 品 安 全 技 术 说 明 书

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### MSDS标题

URACIL MSDS报告

### 产品标题

2,4(1H,3H)-嘧啶二酮;灭胞素;杀枯定;杀胞素;叶枯散;2,4-二羟基嘧啶

### CAS号

66-22-8

### 化学品及企业标识

## PRODUCT NAME

URACIL

## STATEMENT OF HAZARDOUS NATURE

Not considered a hazardous substance according to OSHA 29 CFR 1910.1200.

## 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

Base found in nucleic acids; used in biochemical research

## SYNONYMS

"2, 4-dihydroxypyrimidine", "2, 4-dihydroxypyrimidine", "2, 4-dioxypyrimidine", "2, 4-dioxypyrimidine", "2, 4-pyrimidinediol", "2, 4-pyrimidinediol", "2, 4-pyrimidinedione", "2, 4-pyrimidinedione", "2, 4(1H, 3H)-pyrimidinedione", "Hybar X", Pirod, Pyrod, "nucleic acid base"

## 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.

### 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**

Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified using animal models); nevertheless exposure by all routes should be minimized as a matter of course. Long term exposure to high dust concentrations may cause changes in lung function i.e. pneumoconiosis; caused by particles less than 0.5 micron penetrating and remaining in the lung. Prime symptom is breathlessness; lung shadows show on X-ray.