

CONSEQUENCES OF EXPOSURE TO TOXIC AMOUNTS

PHENOLPHTHALEIN

- FORM:** Solid (crystalline powder).
- EYE:** No irritation.
- SKIN:** Prolonged contact - no irritation.
Repeated contact - irritation.
Effects more severe if skin is scratched.
- INHALATION:** Vapors unlikely due to physical state.
Dusts - irritation of nose and throat.
- EFFECTS from repeated exposures:** None expected from small doses.
- EXPOSURE GUIDELINES:** None established.

R-0034-2643

PHENOLPHTHALEIN

REPT H

LATEST REVISION: 04/08/87

CAS NUMBER: 0000077-09-8

SYNONYMS

3,3-BIS(P-HYDOXYPHENYL)PHTHALIDE

APPEARANCE: white to pale yellow fine crystalline solid (powder)

EXPOSURE GUIDELINES:

None established

POTENTIAL HEALTH EFFECTS

This section includes possible adverse effects which could occur if this material is not handled in the recommended manner. These effects apply to stated material and may not apply to dilutions or formulations of that material.

EYE

- Essentially nonirritating to eyes.

SKIN

- Prolonged exposure not likely to cause significant skin irritation.
- Repeated exposure may cause skin irritation.
- May cause more severe response if skin is abraded (scratched or cut).
- A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.
- The dermal LD50 has not been determined.

INGESTION

- Single dose oral toxicity is low.
- The oral LD50 for rats is > 2000 mg/kg.
- Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.
- May rarely cause an allergic skin response.
- Ingestion may cause diarrhea and/or abdominal cramps. It may also cause red or pink coloring of the urine or feces.

ACUTE INHALATION EFFECTS

- Vapors are unlikely due to physical properties.
- Dust may cause irritation to upper respiratory tract.

SUBCHRONIC EFFECTS

- Based on available data, repeated exposure to small amounts are not expected to produced significant adverse effects.

CHRONIC EFFECTS / CARCINOGENICITY

- No relevant information found.

TRADEMARK OF THE DOW CHEMICAL COMPANY

RESTRICTED - DOW USE ONLY

DO A 055958
CONFIDENTIAL

POTENTIAL HEALTH EFFECTS
Health & Environmental Sciences T.I.M.E. SYSTEM

PAGE
06/19/9

R-0034-2643

PHENOLPHTHALEIN

REPT H

TERATOGENIC EFFECTS

- No relevant information found.

REPRODUCTIVE EFFECTS

- No relevant information found.

MUTAGENICITY

- No relevant information found.

END OF REPORT; FOR ADDITIONAL INFORMATION CONTACT:
Chemical Hazard Evaluation & Communication
Health & Environmental Sciences
1803 Building, Midland, MI 48674
Phone (517) 636-9097

TRADEMARK OF THE DOW CHEMICAL COMPANY

RESTRICTED - DOW USE ONLY

DO A 055959
CONFIDENTIAL