

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

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01/23/89

DR-0231-1684

HYDROCHLORIC ACID, TECHNICAL 22 BAUME'

REP1 .

TERATOGENIC EFFECTS

- No relevant information found.

REPRODUCTIVE EFFECTS

- No relevant information found.

MUTAGENICITY

- No relevant information found.

END OF REPORT; FOR ADDITIONAL INFORMATION CONTACT:
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DR-0231-1684

HYDROCHLORIC ACID, TECHNICAL 22 BAUME'

REP1

LATEST REVISION: 01/12/84

SYNONYMS

HYDROCHLORIC ACID, 22 BAUME', FOOD GRADE
HYDROCHLORIC ACID 22 BAUME' - CS

APPEARANCE: CLEAR, COLORLESS TO SLIGHTLY YELLOWISH LIQUID

ODOR DESCRIPTION: PUNGENT

WARNING PROPERTIES: Irritation may be experienced at concentrations near the exposure guideline.

EXPOSURE GUIDELINES:

ACGIH TLV and OSHA PEL are 5 ppm ceiling.

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

- May cause pain.
- May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness.
- Vapors may cause lacrimation (tears).

SKIN

- Short single exposure may cause severe skin burns.
- 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

- Ingestion may cause gastrointestinal irritation or ulceration.
- May cause severe burns of the mouth and throat.

ACUTE INHALATION EFFECTS

- Excessive vapor concentrations are readily attainable and may cause serious adverse effects, even death.
- Excessive exposure may cause severe irritation and injury to upper respiratory tract and lungs.

SUBCHRONIC EFFECTS

- Repeated excessive exposures may cause erosion of teeth and bleeding and ulceration of nose, mouth and gums.

CHRONIC EFFECTS / CARCINOGENICITY

- Did not cause cancer in long-term animal studies.

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