

CONSEQUENCES OF EXPOSURE TO TOXIC AMOUNTS

R&S 041430

VINYL CHLORIDE

- FORM:** Gas/liquid.
- EYE:** Gas - no effect. Liquid - frostbite.
- SKIN:** Gas - no effect. Liquid - frostbite.
- INHALATION:** Vapors accumulate readily. Brief exposure - central nervous system depression, tiredness, sleepiness; death.
- ORGAN EFFECTS:** Lung, liver and kidney.
Changes in the skin, bone, blood circulation.
- CARCINOGENICITY:** Positive in humans and in animals.
- BIRTH OR REPRODUCTIVE EFFECTS:** Negative.
- MUTAGENICITY:** Positive in bacteria. Negative in animals.
Temporary effects in man.
- ODOR THRESHOLD:** Reported thresholds vary greatly (300-4000 ppm)
Inadequate warning properties.
- EXPOSURE GUIDELINES:** OSHA PEL = 1 ppm; 5 ppm excursion limit
averaged over any period not exceeding 15 min.

DOW CONFIDENTIAL

CAS 8/89