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# Sodium Chromate

National Cancer Institute

## Source

National Cancer Institute. *Sodium Chromate*. NCI Thesaurus. Code C45887.

A yellowish, crystalline, inorganic compound that emits toxic chromium fumes upon heating. Sodium chromate is highly corrosive and is a strong oxidizing agent. This substance is used in wood preservatives, drilling muds, cutting oils, water treatment, textile dyeing processes, inks, paints, leather tanning and as a corrosion inhibitor. Sodium chromate primarily affects the respiratory tract causing ulcerations, shortness of breath, bronchitis, pneumonia and asthma but can also affect the gastrointestinal tract, liver, kidneys and immune system. This substance is a known human carcinogen and is associated with an increased risk of developing lung cancer and cancer of the sinonasal cavity. (NCI05)