Pigment metal 1

Toxicological Data on the Unburnt Ingredient

Aluminium is only sparingly absorbed from the gut, therefore, acute toxicity values for aluminium ingestion are unavailable, since death occurs from intestinal blockage due to precipitated aluminium species rather than systemic aluminium toxicity [Seiler et al.,].

Aluminium caused a concentration-dependent bimodal change in the number of sister chromatid exchange in cultured human lymphocytes and increased the unscheduled DNA synthesis in cultured human astrocytes [WHO].

References

Seiler, H.G., H. Sigel and A. Sigel (eds.). Handbook on the Toxicity of Inorganic Compounds. New York, NY: Marcel Dekker, Inc. 1988, p. 60]

WHO; Environ Health Criteria 194: Aluminium (1997).