Hexavalent chromium fumes

IDENTIFICATION NUMBERS

- **CAS:** 18540-29-9

MORE INFORMATION

- **Synonyms:** ión cromo hexavalente, cromo hexavalente

USES

colorant, enameling agent, oxidizer, pesticide, paint, coating agent, stripper, galvanizer, additive, phosphating agent

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

No classifications available

Specific health risks

Carcinogens (other sources)

Substances classified as carcinogens or mutagens Category 3 under the Dangerous Preparations Directive criteria (pre-CLP). Substances with limited evidence or indications of carcinogenicity or mutagenicity.

CATEGORY	SOURCE
N-1	NTP

According to IARC

Substances classified as carcinogens or mutagens Category 2 under the CLP Regulation (GHS), bearing H351 and/or H341 phrases. These are substances suspected of causing cancer or heritable genetic mutations in humans.

IARC GROUP	IARC VOLUME
Grupo 1	49, 100C; 2012

Biological Exposure Indices (BEI)

Biological limit values (VLB) published by the Spanish National Institute of Safety and Health at Work (INSST). Reference values for assessing the risk of chemical agents by measuring them or their metabolites in biological matrices (blood, urine, exhaled air) of exposed workers.

BIOLOGICAL EXPOSURE INDICES

Biological indicator	BEI	Sampling time	Notes
Cromo total en orina	10 µg/g creatinina	Principio y final de la jornada laboral (4)	F
Cromo total en orina	30 µg/g creatinina	Final de la semana laboral (1)	F

Restriction/prohibition regulations

REACH sensitisers

Substances identified as respiratory or skin sensitisers under the REACH Regulation. Includes substances that, without necessarily having a CLP classification, have been assessed by ECHA as potentially allergenic in occupational exposure contexts.