sulphuric acid

IDENTIFICATION NUMBERS

- **CAS:** 7664-93-9
- **EC/EINECS:** 231-639-5
- **International Chemical Safety Card (ICSC):** 0362

MORE INFORMATION

- **Molecular Formula:** H2O4S
- **Synonyms:** ACEITE DE VITRIOLO

USES

degreaser, solvent, stripper, mordant, cleaner, additive, fungicide, herbicide, buffer, passivator, microbiocidal, dehydrating

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS05

Corrosive to metals

Signal word: **Danger**

H Phrases

H314 : Causes severe skin burns and eye damage

Skin Corr. (Cat. 1A) : Skin corrosion/irritation

Nota B.

Notes

- R.1272-Note B

Labelling

Concentration	Labelling
C >= 15 %	C; R35
5 % <= C < 15 %	Xi; R36/38
C >= 15 %	Corr. cut., 1A; H314
5 % <= C < 15 %	Irrit. cut., 2; H315
5 % <= C < 15 %	Irrit. oc., 2; H319

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
G-A2, N-1

SOURCE
ACGIH, NTP

Neurotoxic substances

Substances with neurotoxic effects

LEVEL
1

Occupational Exposure Limits (OEL)

Daily exposure limit values (VLA-ED) published by the Spanish National Institute of Safety and Health at Work (INSST). They represent the average concentration of a chemical agent in the worker's breathing zone, measured or calculated in a time-weighted manner for an 8-hour daily working period. (https://www.insst.es/valores-limites-de-exposicion)

OCCUPATIONAL EXPOSURE LIMITS

State / Form	TWA (ppm)	TWA (mg/m³)	STEL (ppm)	STEL (mg/m³)	Notes
—	—	0,05	—	—	az,VLI, s,d

Specific environmental risks

Atmospheric emissions

Substances subject to atmospheric emission limitations under the Industrial Emissions Directive (2010/75/EU) and its Spanish transposition. Includes pollutants regulated in industrial installation emission permits and best available technique reference documents (BAT/BREF).

Restriction/prohibition regulations

Substances under PACT evaluation

Substances under active regulatory monitoring through ECHA's PACT (Public Activities Coordination Tool). Allows tracking which regulatory authorities are examining a substance and what potential regulatory actions are being considered (restriction, SVHC identification, harmonised classification, etc.).

MEMBER STATE
Belgium

ACTIVITY
RMOA

LAST UPDATE
2014-09-23T00:00:00

SCOPE
Other