potassium hydroxide

IDENTIFICATION NUMBERS

- **CAS:** 1310-58-3
- **EC/EINECS:** 215-181-3
- **International Chemical Safety Card (ICSC):** 0357

MORE INFORMATION

- **Molecular Formula:** HKO
- **Synonyms:** potasa caustica, hidroxido potasico

USES

fungicide, herbicide, cleaner, buffer, alkaline cleaner, microbiocidal

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS05

Corrosive to metals



GHS07

Acute toxicity (oral, dermal, inhalation

Signal word: **Danger**

H Phrases

H302 : Harmful if swallowed

Acute Tox. (Cat. 4 *) : Acute toxicity

H314 : Causes severe skin burns and eye damage

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

Labelling

Concentration	Labelling
C >= 5 %	C; R35
2 % <= C < 5 %	C; R34
0.5 % <= C < 2 %	Xi; R36/38
C >= 5 %	Corr. cut., 1A; H314
2 % <= C < 5 %	Corr. cut., 1B; H314
0,5 % <= C < 2 %	Irrit. cut., 2; H315
0,5 % <= C < 2 %	Irrit. oc., 2; H319

Specific health risks

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
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Specific environmental risks

Persistent bioaccumulative and toxic

Substances identified as Persistent, Bioaccumulative and Toxic (PBT) according to the criteria of Annex XIII of the REACH Regulation. They pose a special risk of accumulation in the environment and in the food chain.

SOURCES	LINK
REACH	http://apps.echa.europa.eu/registered/data/dossiers/DISS-a1354fde-d051-5f5b-e044-00144f67d031/DISS-a1354fde-d051-5f5b-e044-00144f67d031_DISS-a1354fde-d051-5f5b-e044-00144f67d031.html

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	ACTIVITY
Sweden	RMOA
LAST UPDATE	**SCOPE**
2015-04-08T00:00:00	Other