# 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 |
|---|---|---|---|---|---|
| — | — | — | — | 2 | — |

## 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 |