# ME0160
# Mercury(I) chloride, EssentQ®

## Identification

$Hg_2Cl_2$
M = 472,09 g/mol
CAS [10112-91-1]
EC number: 233-307-5
Taric code: 2852 10 00

## Synonyms

Calomel, Mercurous salts

## Applications

laboratory reagent, in porcelain industry, electrolyte for batteries, fungicide, antiseptic.

## Specifications

assay (iodometric).....min. 99 %
residue on ignition.....max. 0,1 %

## Physical data

- Bulk density: ~ 1200 kg/m$^3$
- Solub. in water: (20 ºC): 0,0023 g/l
- Vapour pressure: (120 ºC) ~ 0,015 hPa

## Safety - GHS

**Signal Word:** Warning

**Hazard Statements:**

H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

**Precautionary Statements:**

P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
P280: Wear protective gloves / protective clothing / eye protection / face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see on this label).
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

## Transport/storage

- ADR: 9 M7 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Mercury(I) chloride)
- IMDG: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Mercury(I) chloride)
- IATA/ICAO: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Mercury(I) chloride)
- PAX: 911
- CAO: 911
- 10°C - 30°C