4-phenylazophenylene-1,3-diamine monohydrochloride@Chrysoidine monohydrochloride@ 4-phenylazophenylene-1,3-diamine monohydrochloride@ Chrysoidine monoacetate@4-(phenylazo)benzene-1,3-diamine monoacetate@Chrysoidine acetate@4-(phenylazo)benzene-1,3-diamine acetate@Chrysoidine-p-dodecylbenzenesulfonate@ Dodecylbenzenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1)@Chrysoidine dihydrochloride@Chrysoidine sulfate@ Bis[4-(phenylazo)benzene-1,3-diamine] sulfate

Name (English): 4-phenylazophenylene-1,3-diamine monohydrochloride@Chrysoidine monohydrochloride@ 4-phenylazophenylene-1,3-diamine monohydrochloride@ Chrysoidine monoacetate@4-(phenylazo)benzene-1,3-diamine monoacetate@Chrysoidine acetate@4-(phenylazo)benzene-1,3-diamine acetate@Chrysoidine-p-dodecylbenzenesulfonate@ Dodecylbenzenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1)@Chrysoidine dihydrochloride@Chrysoidine sulfate@ Bis[4-(phenylazo)benzene-1,3-diamine] sulfate

IDENTIFICATION NUMBERS

- **CAS:** 532-82-1
- **EC/EINECS:** 208-545-8

MORE INFORMATION

- **Molecular Formula:** C12H12N4.ClH
- **Synonyms:** CRISOIDINA, Crisoidina, monoclorhidrato, 4-fenilazofenileno-1,3-diamina, monoclorhidrato, Monoacetato de crisoidina, Monoacetato de 4-(fenilazo)benceno-1,3-diamina, ácido dodecilbencenosulfónico, compuesto con 4-(fenilazo)benceno-1,3-diamina (1:1), 4-(fenilazo)benceno-1,3-diamina, diclorhidrato, Sulfato de bis[4-(fenilazo)benceno-1,3-diamina], Sulfato de crisoidina, Crisoidina, diclorhidrato, p-dodecilbencenosulfonato de crisoidina, Acetato de 4-(fenilazo)benceno-1,3-diamina, Acetato de crisoidina

USES

colorant, dye

⚠ **Black list — Substances particularly hazardous to the environment or health**

CLASSIFICATION AND LABELLING (Regulation 1272/2008)

Symbols



GHS05

Corrosive to metals



GHS07

Acute toxicity (oral, dermal, inhalation



GHS08

Respiratory sensitisation



GHS09

Hazardous to the aquatic environment

Signal word: **Danger**

H Phrases

H341 : Suspected of causing genetic defects

Muta. (Cat. 2) : Germ cell mutagenicity

H302 : Harmful if swallowed

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

H315 : Causes skin irritation

Skin Irrit. (Cat. 2) : Skin corrosion/irritation

H318 : Causes serious eye damage

Eye Dam. (Cat. 1) : Serious eye damage/eye irritation

H400 : Very toxic to aquatic life

Aquatic Acute (Cat. 1) : Hazardous to the aquatic environment

H410 : Very toxic to aquatic life with long lasting effects

Aquatic Chronic (Cat. 1) : Hazardous to the aquatic environment

Specific health risks

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 3	(VOL. 8, SUPL. 7; 1987)

Carcinogens and mutagens (Regulation 1272/2008)

Substances classified as carcinogenic or mutagenic under Regulation 1272/2008