

### Specific Concentration Limits:

Cobalt Sulphide	
Concentration	Classification
$C \geq 2,5 \%$	Xi, N; R43-50/53
$1 \% \leq C < 2,5 \%$	Xi, N; R43-51/53
$0,25 \% \leq C < 1 \%$	N; R51/53
$0,025 \% \leq C < 0,25 \%$	N; R52/53

Cobalt Chloride and Sulphate	
Concentration	Classification
$C \geq 25 \%$	T, N; R49-60-22-42/43-68-50/53
$2,5 \leq C < 25 \%$	T, N; R49-60-42/43-68-50/53
$1 \% \leq C < 2,5 \%$	T, N; R49-60-42/43-68-51/53
$0,5 \% \leq C < 1 \%$	T, N; R49-60-51/53
$0,25 \% \leq C < 0,5 \%$	T, N; R49-51/53
$0,025 \% \leq C < 0,25 \%$	T; R49-52/53
$0,01 \% \leq C < 0,025 \%$	T; R49

Cobalt Nitrates, Carbonate and Acetates	
Concentration	Classification
$C \geq 2.5\%$	T, N; R49-60-42/43-68-50/53
$1 \% \leq C < 2,5 \%$	T, N; R49-60-42/43-68-51/53
$0,5 \% \leq C < 1 \%$	T, N; R49-60-51/53
$0,25 \% \leq C < 0,5 \%$	T, N; R49-51/53
$0,025 \% \leq C < 0,25 \%$	T; R49-52/53
$0,01 \% \leq C < 0,025 \%$	T; R49

R22 = Harmful if swallowed

R43 = May cause sensitization by skin contact

R42/43 = May cause sensitisation by inhalation and skin contact

R49 = May cause cancer by inhalation

R50/53 = Very toxic to aquatic organisms, may cause long term adverse effects in aquatic environment

R53 = May cause long term adverse effects in the aquatic environment

R60 = May impair fertility

R68 = Possible risk of irreversible effects

S2 = Keep out of the reach of children

S22 = Do not breathe dust

S24 = Avoid Contact with skin

S37 = Wear Suitable Gloves

S45 = In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S53 = Avoid exposure – obtain special instructions before use.

S60 = This material and its container must be disposed of as hazardous waste.

S61 = Avoid release to the environment. Refer to special instructions/safety data sheets.

Note E: Substances with specific effects on human health (see chapter 4 of Annex VI of Directive 6715481EEC) that are classified as carcinogenic, mutagenic, and/or toxic for reproduction in categories 1 or 2 are ascribed Note E if they are also classified as very toxic (T+), toxic (T) or harmful (Xn). For these substances, the risk phrases R20, R21, R22, R23, R24, R25, R26, R27, R28, R39, R68 (harmful), R48 and R65 and all combinations of these risk phrases shall be preceded by the word 'Also'.

Xi = Irritating

Xn = Harmful

T = Toxic

N = Dangerous for the environment