

INFORMATION

SUBSTANCE IDENTITY PROFILE (SIP)

NICKEL MONOXIDE

EC #	215-215-7						
CAS #	1313-99-1						
Other identifiers	Nickel monoxide Mononickel oxide Nickelous oxide	Nickel (II) oxide Nickel (2+) oxide Oxonickel	Black nickel oxide Green nickel oxide Bunsenite				
Substance compositional information:							
Constituents/Impurities	Compositions						
	Nickel monoxide green	Nickel monoxide green with cobalt oxide impurity	Nickel monoxide green with cobalt oxide, copper oxide impurities	Nickel monoxide black	Nickel monoxide black with nickel hydroxycarbonate impurity	Nickel monoxide black (with cobalt oxide impurity)	Nickel monoxide (with nickel subsulphide impurity)
Nickel monoxide EC# 215-215-7 CAS# 1313-99-1	99.9 – 100%	>97 – <99%	>88 – <100%	>99 – <99.8%	≥80 – 100%	≥84 – ≤100%	>96 – ≤99%
Cobalt oxide EC# 215-154-6 CAS# 1307-96-6	-	>1 – ≤1.96%	≥0 – ≤1.96%	-	-	≥0 – ≤1.96%	-
Nickel hydroxycarbonate CAS# 12122-15-5	-	-	-	-	>0 – ≤20%	-	-
Zinc oxide EC# 215-222-5 CAS# 1314-13-2	-	-	-	-	-	≥0 – <1.2%	-
Copper oxide EC# 215-269-1 CAS# 1317-38-0	-	-	≥0 – ≤7%	-	-	≥0 – ≤8.5%	-
Iron oxide EC# 215-721-8 CAS# 1345-25-1	-	-	-	-	-	≥0 – ≤11.4%	-
Nickel subsulphide EC# 234-829-6 CAS# 12035-72-2	-	-	-	-	-	-	≥1 – ≤4%
Other impurities*	-	≥0 – ≤2%	≥0 – ≤3%	≥0 – ≤1%	≥0 – ≤0.1%	≥0 – <1.2%	

*Other impurities which are not relevant for the classification and/or for PBT assessment and that are each of them present in a concentration <1%.