

# INFORMATION

## SUBSTANCE IDENTITY PROFILE (SIP)

### NICKEL MONOXIDE

<b>EC #</b>	215-215-7							
<b>CAS #</b>	1313-99-1							
<b>Other identifiers</b>	Nickel oxide Mononickel oxide	Nickel (II) oxide Nickel (2+) oxide	Black nickel oxide Green nickel oxide	Nickelous oxide Oxonickel	Bunsenite			
<b>Substance compositional information:</b>								
<b>Constituents/Impurities</b>	<b>Compositions</b>							
	<b>Nickel monoxide green</b>	<b>Nickel monoxide green with cobalt oxide impurity</b>	<b>Nickel monoxide green with cobalt oxide, copper oxide impurities</b>	<b>Nickel monoxide black</b>	<b>Nickel monoxide black with nickel hydroxycarbonate impurity</b>	<b>Nickel monoxide black (with cobalt oxide impurity)</b>	<b>Nickel monoxide with cobalt impurity</b>	<b>Nickel monoxide with nickel subsulphide impurity</b>
Nickel monoxide EC# 215-215-7 CAS# 1313-99-1	99.9 – 100%	>97 – <99%	>88 – <100%	>99 – <99.8%	≥80 – 100%	≥84 – ≤100%	≥90 – ≤96%	>96 – ≤99%
Cobalt oxide EC# 215-154-6 CAS# 1307-96-6	-	>1 – ≤1.96%	≥0 – ≤1.96%	-	-	≥0 – ≤1.96%	≥0 – ≤1.5%	-
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%	≥0 – ≤9%	-
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%
Nickel dihydroxide EC# 235-008-5 CAS# 12054-48-7	-	-	-	-	-	-	≥0 – ≤0.5%	-
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%.