



## DATA SHEET

### Black Cobalt Oxide

Synonym : cobalto – cobaltic oxide  
Formule :  $\text{Co}_3\text{O}_4$

CAS reg. no : 1308-06-1  
EINECS no : 215-157-2  
Product code : 41115

#### Chemical Composition

(typical analysis)

Co : 70.5 % - 71.5 %  
Cu : 0.01 %  
Fe : 0.02 %  
Mn : 0.01 %  
Ni : 0.06 %  
Zn : 0.01 %  
Na : 0.45 %  
Balance : oxygen

#### Malvern fineness analysis:

$\mu\text{m}$	vol%	$\mu\text{m}$	vol%	$\mu\text{m}$	vol%
0.06	0.05	0.67	1.01	7.72	8.11
0.07	0.10	0.78	0.93	9.00	9.44
0.08	0.14	0.91	0.87	10.45	10.28
0.09	0.18	1.05	0.80	12.21	10.38
0.10	0.23	1.24	0.75	14.22	9.67
0.13	0.29	1.44	0.71	16.57	8.31
0.16	0.35	1.68	0.30	19.31	5.08
0.17	0.46	1.95	0.32	22.49	3.33
0.20	0.60	2.28	0.39	26.20	1.80
0.23	0.78	2.65	0.54	30.53	0.83
0.27	0.89	3.09	0.78	35.56	0.27
0.31	0.88	3.60	1.19	41.43	0.08
0.36	0.89	4.19	1.80	48.27	0.01
0.42	1.03	4.88	2.68		
0.49	1.03	5.69	3.81		
0.58	0.99	6.63	6.64		

Mean particle size : 6-12 micron

Packing: 25 kg steel drums

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