

# Boliden REACH product table

**Table 1: Boliden products and chemicals**

Main component of product (e.g. zinc metal as part of zinc-aluminium alloy)	Products of which the main component is an integral part of	Substance ID of main component	Legal Entity	Within the full scope of REACH	Pre-registration number(s)	Applicable registration deadline:			ECHA Registration number
						1.12.2010	1.6.2013	1.6.2018	
Aluminium fluoride	Aluminium fluoride	EC No 232-051-1 CAS No 7784-18-1	Boliden Odda	●	05-2114361943-43-0000	●			01-2119485977-13-0000
Calcium sulphate	Anhydrite	EC No 231-900-3 CAS No 7778-18-9	Boliden Odda	●	05-2114361942-45-0000	●			01-2119444918-26-0048
Cadmium	Cadmium metal	EC No 231-152-8 CAS No 7440-43-9	Boliden Odda	●	05-2114361941-47-0000	●			01-2119489023-40-0001
Copper	Copper metal	EC No 231-159-6 CAS No 7440-50-8	Boliden Mineral Boliden Harjavalta Boliden Commercial	●	05-2114550688-36-0000 05-2114506610-63-0000 05-2116636481-47-0000	●			01-2119480154-42-0015 01-2119480154-42-0018 01-2119480154-42-0096
Copper sulphate	Copper sulphate	EC No 231-847-6 CAS No 7758-98-7	Boliden Mineral Boliden Harjavalta	●	05-2114550675-43-0000 05-2114506624-54-0000	●			01-2119520566-40-0010 01-2119520566-40-0008
Dicopper * telluride	Dicopper telluride	EC No 234-646-1 CAS No 12019-52-	Boliden Mineral Boliden Harjavalta	●	05-2114550664-46-0000 05-2114506643-54-0000			●	
Gold*	Gold metal	EC No 231-165-9 CAS No 7440-57-5	Boliden Mineral Boliden Harjavalta	●	05-2114550686-40-0000 05-2114506634-53-0000			●	
Slags, copper and nickel smelting	Iron sand	EC No 266-968-3 CAS No 67711-92-6	Boliden Mineral Boliden Harjavalta	●	05-2114496479-26-0000 05-2115119254-56-0000	●			01-2119513228-45-0005 01-2119548982-26-0000
Lead	Lead alloys Soft lead alloys Hard lead alloys Crude lead Soft Lead Pb99.97 Soft Lead with 0.05-0.06% Cu Lead Alloy PbSb2.0AsSnCuSe Lead Alloy PbSb6AsCu	EC No 231-100-4 CAS No 7439-92-1	Boliden Mineral Boliden Bergsöe	●	05-2114550701-56-0000 05-2114369889-21-0000	●			01-2119513221-59-0053 01-2119513221-59-0040
Selenium*	Selenium	EC No 231-957-4 CAS No 7782-49-2	Boliden Mineral Boliden Harjavalta	●	05-2114496485-33-0000 05-2114506628-46-0000		●		01-2119981706-25-0009 01-2119981706-25-0005
Silver *	Silver metal	EC No 231-131-3 CAS No 7440-22-4	Boliden Mineral Boliden Harjavalta	●	05-2114550672-49-0000 05-2114506616-51-0000		●		01-2119555669-21-0046 01-2119555669-21-0045
Sulphur dioxide	Sulphur dioxide	EC No 231-195-2 CAS No 7446-09-5	Boliden Mineral Boliden Harjavalta	●	05-2114550671-51-0000 05-2114506620-62-0000	●			01-2119485028-34-0014 01-2119485028-34-0012
Sulphuric acid	Sulphuric Acid Sulphuric Acid 93%T Sulphuric Acid 94%	EC No 231-639-5 CAS No 7664-93-9	Boliden Odda Boliden Kokkola Boliden Mineral Boliden Harjavalta	●	05-2114361939-32-0000 05-2114490005-55-0000 05-2114550677-39-0000 05-2114506631-59-0000	●			01-2119458838-20-0020 01-2119458838-20-0093 01-2119458838-20-0067 01-2119458838-20-0035
Zinc	SHG zinc Zinc powder Zinc ingot Z1 Zinc ingot Z3 Zinc alloy ingot Galfan Zinc alloy ingot Norzak Zinc CGG Zn/Ni alloy ingots Zn/Al alloy ingots Zn/Al/Mg-alloys	EC No 231-175-3 CAS No 7440-66-6	Boliden Odda Boliden Kokkola Boliden Commercial	●	05-2114361935-40-0000 05-2114490023-57-0000 05-2116636829-29-0000	●			01-2119467174-37-0001 01-2119467174-37-0040 01-2119467174-37-0064

Main component of product	Products of which the main component is an integral part of	Substance ID of main component	Legal Entity	Within the full scope of REACH	Pre-registration number(s)	Applicable registration deadline:			ECHA Registration number
						1.12.2010	1.6.2013	1.6.2018	
Zinc sulphate	Zinc sulphate	EC No 231-793-3 CAS No 7733-02-0	Boliden Kokkola	●	05-2114490013-58-0000	●			01-2119474684-27-0016

\* Gold, Silver, Selenium and Dicoppertelluride is notified to the Classification & Labelling inventory and the intention is to register before the applicable registration deadlines given in the table.

#### Downstream use of Boliden substances / products (Link to Page 4)

Our customers should check that their use(s) of our product is covered by the REACH registration. The uses supported by Boliden are the same as registered by the consortia of which we are a member. Registered uses can be checked by using the links to the consortia web – sites under the "REACH information" section or using the links in the column for " Main component of product" in Bolidens product table above.

#### Alloying elements

Boliden has made sure that all alloying elements used in our products have been pre-registered and registered by our suppliers.

**Table 2: Boliden concentrates**

Concentrate	Substances	Substance ID	Phase-in substance	Within limited scope of REACH	Not chemically modified	Exempted from registration	Classification & Labelling notification required	Supported Use(s)	Further notes
<a href="#">Copper concentrates</a>	Several metallic sulphides and oxides (naturally occurring substances)	EC No and CAS No not available yet.	●	●	●	●	●	Extraction of metals	Notification to the Classification & Labelling inventory is carried out.
<a href="#">Lead concentrates</a>	Several metallic sulphides and oxides (naturally occurring substances)	EC No and CAS No not available yet.	●	●	●	●	●	Extraction of metals	Notification to the Classification & Labelling inventory is carried out.
<a href="#">Zinc concentrates</a>	Several metallic sulphides and oxides (naturally occurring substances)	EC No and CAS No not available yet.	●	●	●	●	●	Extraction of metals	Notification to the Classification & Labelling inventory is carried out.

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