

**AGREEMENT OF THE MEMBER STATE COMMITTEE
ON THE IDENTIFICATION OF
COBALT(II) DINITRATE
AS A SUBSTANCE OF VERY HIGH CONCERN**

**According to Articles 57 and 59 of
Regulation (EC) 1907/2006¹**

Adopted on 2 December 2010

This agreement concerns

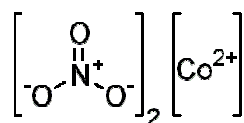
Substance name: Cobalt(II) dinitrate

EC number: 233-402-1

CAS number: 10141-05-6

Molecular formula: CoN₂O₆

Structural formula:



The Netherlands presented a proposal in accordance with Article 59(3) and Annex XV of the REACH Regulation (25 August 2010, submission number CH003459-50) on identification of the *Cobalt(II) dinitrate* as a substance of very high concern

¹ Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

because of its carcinogenic and toxic for reproduction properties.

Pursuant to Articles 59(3) and 59(4) of REACH the Annex XV dossier was circulated to Member States on 30 August 2010 and the Annex XV report was made available to interested parties on the ECHA website on the same day.

Comments were received both by the Member States and interested parties on the proposal.

The dossier was referred to the Member State Committee on 15 November 2010 and was discussed in the meeting of the Member State Committee on 1 – 3 December 2010.

Agreement of the Member State Committee in accordance with Article 59(8):

***Cobalt(II) dinitrate (both anhydrous and hydrous forms)* is identified as a substance meeting the criteria of Article 57 (a) and (c) of Regulation (EC) 1907/2006 (REACH) owing to its classification as carcinogen category 1B² and toxic for reproduction category 1B². These classifications correspond to classifications as carcinogen category 2³ and toxic for reproduction category 2³ respectively.**

² Classification in accordance with Regulation (EC) No 1272/2008 Annex VI, part 3, Table 3.1 List of harmonised classification and labelling of hazardous substances as amended and adapted to technical and scientific progress by Commission Regulation (EC) No 790/2009, OJ No L 235, p. 1, 5.9.2009.

³ Classification in accordance with Regulation (EC) No 1272/2008, Annex VI, part 3, Table 3.2 List of harmonised classification and labelling of hazardous substances (from Annex I to Council Directive 67/548/EEC), as amended and adapted to technical and scientific progress by Commission Regulation (EC) No 790/2009, OJ No L 235, p. 1, 5.9.2009

UNDERLYING ARGUMENTATION FOR IDENTIFICATION OF SUBSTANCE OF VERY HIGH CONCERN

Carcinogenicity:

Pursuant to Regulation (EC) No 1272/2008⁴ as amended and adapted to technical and scientific progress by Regulation (EC) No 790/2009, as of 1 December 2010, cobalt(II) dinitrate is listed as index number 027-010-00-8 in Annex VI, part 3, Table 3.1 (the list of harmonised classification and labelling of hazardous substances) of Regulation (EC) No 1272/2008 as carcinogen category 1B (H350i: “May cause cancer by inhalation”). Its corresponding classification in Annex VI, part 3, Table 3.2 (the list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC) of Regulation (EC) No 1272/2008 is carcinogen category 2 (R49: “May cause cancer by inhalation”).

Therefore, this classification of the substance in Regulation (EC) No 1272/2008 as amended and adapted to technical and scientific progress by Regulation (EC) No 790/2009 shows that the substance meets the criteria for classification as carcinogen in accordance with Article 57 (a) of REACH.

Toxicity for reproduction:

Pursuant to Regulation (EC) No 1272/2008 as amended and adapted to technical and scientific progress by Regulation (EC) No 790/2009, as of 1 December 2010, cobalt(II) dinitrate is listed as index number 027-010-00-8 in Annex VI, part 3, Table 3.1 (the list of harmonised classification and labelling of hazardous substances) of Regulation (EC) No 1272/2008 as toxic for reproduction category 1B (H360F***: “May damage fertility”). Its corresponding classification in Annex VI, part 3, Table 3.2 (the list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC) of Regulation (EC) No 1272/2008 is toxic for reproduction category 2 (Repr.Cat. 2; R60: “May impair fertility”).

Therefore, this classification of the substance in Regulation (EC) No 1272/2008 as amended and adapted to technical and scientific progress by Regulation (EC) No 790/2009 shows that the substance meets the criteria for classification as toxic for reproduction in accordance with Article 57 (c) of REACH.

Reference:

1. Support Document *Cobalt(II) dinitrate* (Member State Committee, 2 December 2010)

⁴ Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation 1907/2006, OJ No L353, p.1, 31.12.2008