

AGREEMENT OF THE MEMBER STATE COMMITTEE

ON THE IDENTIFICATION OF

CHROMIUM TRIOXIDE

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

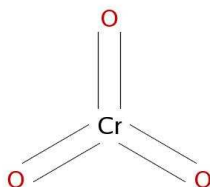
Substance name: Chromium trioxide

EC number: 215-607-8

CAS number: 1333-82-0

Molecular formula: CrO₃

Structural formula:



¹Regulation (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

Germany presented a proposal in accordance with Article 59(3) and Annex XV of the REACH Regulation (26 August 2010, submission number CH008238-53) on identification of the *Chromium trioxide* as a substance of very high concern because of its carcinogenic and mutagenic 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 by both 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):

***Chromium trioxide* is identified as a substance meeting the criteria of Article 57 (a) and (b) of Regulation (EC) 1907/2006 (REACH) owing to its classification as carcinogen category 1A² and mutagen category 1B². These classifications correspond to classifications as carcinogen category 1³ and mutagen 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.

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).

**UNDERLYING ARGUMENTATION
FOR IDENTIFICATION OF SUBSTANCE OF VERY HIGH CONCERN**

Carcinogenicity:

Pursuant to Regulation (EC) No 1272/2008⁴, as of 1 December 2010, chromium trioxide is listed as index number 024-001-00-0 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 1A (H350: “May cause cancer”). 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 1 (R45: “May cause cancer”).

Therefore, this classification of the substance in Regulation (EC) No 1272/2008 shows that the substance meets the criteria for classification as carcinogen in accordance with Article 57 (a) of REACH.

Mutagenicity:

Pursuant to Regulation (EC) No 1272/2008, as of 1 December 2010, chromium trioxide is listed as index number 024-001-00-0 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 mutagen category 1B (H340: “May cause genetic defects”). 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 mutagen category 2 (R46 “May cause heritable genetic damage”).

Therefore, this classification of the substance in Regulation (EC) No 1272/2008 shows that the substance meets the criteria for classification as mutagen in accordance with Article 57 (b) of REACH.

Reference:

1. Support Document *Chromium trioxide* (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