



**AGREEMENT OF THE MEMBER STATE COMMITTEE  
ON IDENTIFICATION OF SODIUM DICHROMATE  
AS A SUBSTANCE OF VERY HIGH CONCERN**

**According to Articles 57 and 59 of  
Regulation (EC) No 1907/2006<sup>1</sup>**

**Adopted on 1 October 2008**

**This agreement concerns**

**Substance name: Sodium dichromate**

**EC number: 234-190-3**

**CAS number: 7789-12-0 (dihydrate)**

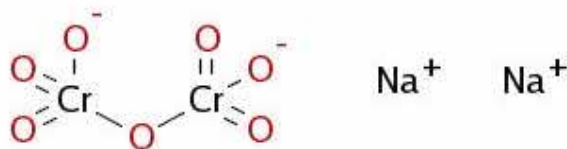
**10588-01-9 (anhydrous)**

**Molecular formula: Na<sub>2</sub>Cr<sub>2</sub>H<sub>2</sub>O<sub>7</sub>**

---

<sup>1</sup> 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

**Structural formula:**



France presented a proposal in accordance with Article 59(3) and Annex XV of the REACH Regulation (26 June 2008, submission number AK006105-62) on identification of sodium dichromate (anhydrous and dihydrate) as a substance of very high concern because of its carcinogenic properties.

The Annex XV dossier was circulated to Member States on 30 June 2008 and the Annex XV report was made available to Interested Parties on the ECHA website on the same date according to Articles 59(3) and 59(4).

Comments were received from both Member States and Interested Parties on the proposal.

The dossier was referred to the Member State Committee on 15 September and agreed in the written procedure of the Member State Committee with closing date of 1 October 2008.

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

Sodium dichromate (anhydrous and dihydrate) is identified as a substance of very high concern because it fulfils the criteria of Article 57 paragraph (a), (b) and (c) of Regulation (EC) No 1907/2006 (REACH).

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

According to Annex I to Directive 67/548/EEC sodium dichromate (anhydrous and dihydrate) is classified as a carcinogen Cat. 2 R45: (May cause cancer), mutagenic Cat. 2 R46. (May cause heritable genetic damage) and toxic to reproduction Cat. 2 R60 (May impair fertility) and R61: (May cause harm to the unborn child).

**Reference:**

1. Support Document Sodium dichromate (Member State Committee, 1 October 2008)