

**AGREEMENT OF THE MEMBER STATE COMMITTEE  
ON THE IDENTIFICATION OF  
N,N-DIMETHYLFORMAMIDE [DIMETHYL FORMAMIDE]  
AS A SUBSTANCE OF VERY HIGH CONCERN**

**According to Articles 57 and 59 of  
Regulation (EC) 1907/2006<sup>1</sup>**

**Adopted on 29 November 2012**

**This agreement concerns**

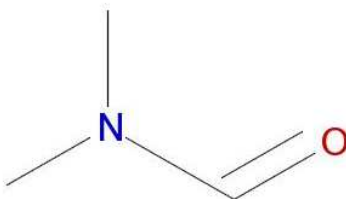
**Substance name: N,N-dimethylformamide [dimethyl formamide, DMF]**

**EC number: 200-679-5**

**CAS number: 68-12-2**

**Molecular  
formula: C<sub>3</sub>H<sub>7</sub>NO**

**Structural  
formula:**



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<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

Sweden presented a proposal in accordance with Article 59(3) and Annex XV of the REACH Regulation (31 August 2012, submission number CW016832-23) on identification of *N,N-dimethylformamide* as a substance of very high concern because of its toxic for reproduction properties.

The Annex XV dossier was circulated to Member States on 3 September 2012 and the Annex XV report was made available to interested parties on the ECHA website on the same day 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 19 November 2012 and agreed in the written procedure of the Member State Committee with closing date of 29 November 2012.

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

***N,N-dimethylformamide* is identified as a substance meeting the criterion of Article 57 (c) of Regulation (EC) 1907/2006 (REACH) owing to its classification as toxic for reproduction category 1B<sup>2</sup>. This classification corresponds to classification as toxic for reproduction category 2<sup>3</sup>.**

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<sup>2</sup> 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, OJ L 353, p.1, 31.12.2008.

<sup>3</sup> 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), OJ L 353, p.1, 31.12.2008.

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

### **Toxicity for reproduction:**

N,N-dimethylformamide [DMF] has been classified as toxic to reproduction (Repr. 1B); H360D “May damage the unborn child” according to Regulation (EC) No 1272/2008 (CLP Regulation) and is included in Annex VI, part 3 (index number 616-001-00-X), Table 3.1 (list of harmonised classification and labelling of hazardous substances). The 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) is toxic to reproduction Repr Cat. 2; R61 (“May cause harm to the unborn child.”).

Therefore, this classification of N,N-dimethylformamide in Regulation (EC) No 1272/2008 shows that N,N-dimethylformamide meets the criterion for classification as toxic for reproduction in accordance with Article 57(c) of REACH.

### **Reference:**

1. Support Document *N,N-dimethylformamide* (Member State Committee, 29 November 2012)