

## **Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals**

23 November 2016

### **Sub-Committee of Experts on the Transport of Dangerous Goods**

#### **Fiftieth session**

Geneva, 28 November–6 December 2016

Item 2 (c) of the provisional agenda

**Recommendations made by the Sub-Committee  
on its forty-seventh, forty-eighth and forty-ninth sessions  
and pending issues: listing, classification and packing**

## **Check of available toxicity data for UN 2248, UN 2264 and UN 2357**

**Transmitted by the European Chemical Industry Council (CEFIC)**

### **Introduction**

1. At the forty-seventh session of the Sub-Committee, the expert from the Republic of Korea suggested that the hazard information in the revised GESAMP Hazard Profiles (PPR.1/Circ.1, Annex 5) could be valuable data to identify any potential toxic or corrosive risk for substances (ST/SG/AC.10/C.3/2015/11). In this connection, some substances categorized as class 8 in the Dangerous Goods List are already recognized for their toxicity by many test institutions. Based on this test information, the Republic of Korea selected three substances which have strong toxicity and submitted objective test data related to them (informal document INF.33 (49th session)).
2. CEFIC checked the substances in the Reach Registration of ECHA to avoid discrepancies between transport and supply and use. These data have been collected and reviewed by the manufactures and submitted to the European Chemical Agency. The data provided in the registrations do not support the addition of class 6.1 to UN2248 and UN2357.
3. Therefore we would like to ask the UN Sub Committee of Experts TDG not to adopt these changes at this meeting. The data needs to be reviewed in more detail to come to a conclusion.
4. The relevant classification as derived from the toxicity data for the registration is attached. The classification and the underlying data can also be viewed in the following link:

<https://echa.europa.eu/information-on-chemicals/registered-substances>

### **Proposal**

Do not change the entries for UN2248 and UN2357.

## Annex

### **Dibutylamine - CAS number: 111-92-2 – UN2248**

#### **Health hazards**

Acute toxicity - oral  
Hazard category: Acute Tox. 4  
Hazard statement: H302: Harmful if swallowed.  
Acute toxicity - dermal  
Hazard category: Acute Tox. 4  
Hazard statement: H312: Harmful in contact with skin.  
Acute toxicity - inhalation  
Hazard category: Acute Tox. 4  
Hazard statement: H332: Harmful if inhaled.

### **Cyclohexyldimethylamine - CAS number: 98-94-2 – UN2264**

#### **Health hazards**

Acute toxicity - oral  
Hazard category: Acute Tox. 3  
Hazard statement: H301: Toxic if swallowed.  
Acute toxicity - dermal  
Hazard category: Acute Tox. 3  
Hazard statement: H311: Toxic in contact with skin.  
Acute toxicity - inhalation  
Hazard category: Acute Tox. 3  
Hazard statement: H331: Toxic if inhaled.

### **Cyclohexylamine - CAS number: 108-91-8 – UN2357**

#### **Health hazards**

Acute toxicity - oral  
Hazard category: Acute Tox. 4  
Hazard statement: H302: Harmful if swallowed.  
Acute toxicity - dermal  
Hazard category: Acute Tox. 4  
Hazard statement: H312: Harmful in contact with skin.  
Acute toxicity - inhalation  
Reason for no classification: conclusive but not sufficient for classification

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