

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

Sub-Committee of Experts on the Transport of Dangerous Goods

14 June 2012

Forty-first session

Geneva, 25 June – 4 July 2012

Item 3 (a) of the provisional agenda

Listing, classification and packing:

Proposals of amendments to the list of dangerous goods of Chapter 3.2

Assignment of SP 223 to Aluminium hydride, UN 2463

Transmitted by the Council on Safe Transportation of Hazardous Articles (COSTHA)

Introduction

1. COSTHA is interested in the views of Sub-Committee members to facilitate the development of a formal proposal for submission to the 42nd session of the Sub-Committee in December 2012 session. A COSTHA member has performed testing on post-treated α -Aluminium hydride (Alane), UN 2463 and has determined that it does not meet the criteria for classification as a Division 4.3 substance as a powder or as a mixture with a polymeric binder. In addition the material is shipped in a molded pellet form in which case it also does not meet the criteria for classification as dangerous goods. The results of testing performed will be provided to Sub-Committee members during or prior to the 42nd session depending on the completion of a compilation of the test results. The Sub-Committee is requested to provide comments relative to adding special provision SP 223 to the entry Aluminium hydride, UN 2463 to recognize that some forms of the substance do not meet the criteria for classification as a Division 4.3 substance or the established defining criteria of any other class or division.

2. The entry Aluminium hydride, UN 2463, 4.3, PG I was added in the 1970's along with other similar hydrides and a classification data sheet was not submitted at the time. Rather the incorporation of this entry in the Model Regulations was based on an analogy with other like substances. Since the incorporation of Aluminium hydride, UN 2463 in the Model Regulations the defining criteria and classification data from testing has evolved.

Proposals

3. It is suggested that SP 223 be assigned in column 6 of the Dangerous Goods List (DGL) for Aluminium hydride, UN 2463.

4. The Sub-Committee is requested to provide comments on the following proposal:

For UN 2463, Aluminium Hydride, add special provision 223 in column 6 of the DGL:

SP 223 If the chemical or physical properties of a substance covered by this description are such that when tested it does not meet the established defining criteria for the class or division listed in Column 3 of the Dangerous Goods List of Chapter 3.2, or any other class or division, it is not subject to these Regulations.
