

Economic Commission for Europe

Inland Transport Committee

Working Party on the Transport of Dangerous Goods

11 September 2023

Joint Meeting of the RID Committee of Experts and the
Working Party on the Transport of Dangerous Goods

Geneva, 19–27 September 2023

Item 5 (b) of the provisional agenda:

New proposals

RID/ADR: Deletion of tank code L10CH for UN 3550 COBALT DIHYDROXIDE POWDER, containing not less than 10 % respirable particles

Transmitted by the Government of Germany

Introduction

1. With the inclusion of UN 3550 COBALT DIHYDROXIDE POWDER, containing not less than 10 % respirable particles in RID/ADR from 1 January 2023, both tank code S10AH and tank code L10CH were included in column (12) in accordance with 4.3.4.1.2 (rationalized approach for assignment of tank codes to groups of substances and hierarchy of tanks).
2. According to the explanations in 3.2.1 of RID/ADR on column (12) of Table A, a tank code for liquids (L) next to a tank code for solids (S) means that this substance may be offered for carriage in the liquid (molten) state.
3. Germany has found, however, that cobalt dihydroxide has no melting point but that, according to information by ECHA (see Registration dossier on cobalt dihydroxide), the solid substance decomposes at approximately 160 °C prior to melting. Therefore, it is not possible to offer this substance for carriage in the molten state.
4. Moreover, the molten substance would no longer meet the criteria for inhalation toxicity (packing group I) and, in the opinion of Germany, would then have to be assigned to UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
5. Therefore Germany proposes that, for UN 3550, tank code L10CH be deleted from column (12) of Table A in Chapter 3.2 of RID/ADR.

Proposal

6. Amend Table A of Chapter 3.2 of RID/ADR as follows:
For UN 3550, delete tank code L10CH from column (12).
-