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COMMITTEE OF EXPERTS ON THE TRANSPORT OF
DANGEROUS GOODS AND ON THE GLOBALLY
HARMONIZED SYSTEM OF CLASSIFICATION
AND LABELLING OF CHEMICALS

(Twenty-second session, 2-6 December 2002
agenda item (3))

TEXTS ADOPTED BY THE SUB-COMMITTEE
AT ITS NINETEENTH, TWENTIETH AND TWENTY-FIRST SESSIONS

Organometallic substances; deletion of existing entries

Submitted by the International Council of the Chemical Associations (ICCA)

1. INTRODUCTION

At the 21st session of the United Nations Sub-Committee of Experts, the proposal of ICCA on systematic classification of organometallic substances (ST/SG/AC.10/C/3/2002/25) was adopted except the part of the deletion of the existing metal alkyl entries.

ICCA was requested to revisit the existing entries to find out whether they can be (or even have to be) deleted from the Dangerous Goods List. Arguments to maintain the old entries were the efforts and costs for industry to implement the necessary changes in documentation, data bases, SDS, shipping names on tanks etc.

2. JUSTIFICATION

ICCA again, contacted the main producers of relevant materials. These industries are in favour of the new schematic classification scheme and the consequential deletion of the old entries. Maintaining the old entries will lead to confusion, especially with formulations of organometallic substances already listed by chemical names. Moreover, the classification of some of the current N.O.S. positions contradict with the classification according to the schematic flow chart. Industry prefer to use the new entries and accept the burden and costs of the necessary changes. This remains line with the original proposal ST/SG/AC.10/C/3/2002/25.

In the original proposal an error crept in the proposed new entries in the Dangerous Goods List (because an extra entry and row were inserted and the consequential changes were not made). The consequent editorial corrections, in line with the new classification scheme, are given in section 4.2 of this document.

3. PROPOSAL

Delete the following UN numbers from Chapter 3.2, Dangerous Goods List:

1366	Diethylzinc
1370	Dimethylzinc
2003	Metal alkyls water-reactive N.O.S. or Metal aryls water reactive, N.O.S
2005	Magnesium diphenyl
2445	Lithium alkyls
3049	Metal alkyl halides, water-reactive, N.O.S., Metal aryl halides, water-reactive, N.O.S
3050	Metal alkyl hydrides, water-reactive, N.O.S., Metal aryl hydrides, water-reactive, N.O.S
3051	Aluminium alkyls
3052	Aluminium alkyl halides (liquid + solid)
3053	Magnesium alkyls
3076	Aluminium alkyl hydrides
3203	Pyrophoric organometallic compound, water reactive, N.O.S (solid + liquid)
3207	Organic metallic compound or compound solution or compound dispersion, water reactive, flammable, N.O.S
3372	Organic metallic compound solid, water reactive, flammable, N.O.S

4. CONSEQUENTIAL AMENDMENTS AND EDITORIAL CORRECTIONS

4.1 Amend the following entries in the alphabetical index of substances and articles (see proposal ST/SG/AC.10/C.3/2002/25):

Entry	To read as follows:
DIETHYLZINC, 4.2, 1366	Diethylzinc, see 4.2, xxx4
DIMETHYLZINC, 4.2, 1370	Dimethylzinc, 4.2, xxx4
METAL ALKYL, WATER-REACTIVE, N.O.S, 4.2, 2003	Metal alkyls, water-reactive N.O.S, see 4.2, xxx3 or xxx4
METAL ARYL, WATER-REACTIVE, N.O.S, 4.2, 2003	Metal aryls, water-reactive N.O.S, see 4.2, xxx3 or xxx4
MAGNESIUM DIPHENYL, 4.2, 2005	Magnesium diphenyl, see 4.2, xxx1
LITHIUM ALKYL, 4.2, 2445	Lithium alkyls, see 4.2, xxx4
METAL ALKYL HALIDES, WATER-REACTIVE, N.O.S., 4.2, 3049	Metal alkyl halides, water-reactive, N.O.S, see 4.2, xxx4
METAL ARYL HALIDES, WATER-REACTIVE, N.O.S, 4.2, 3049	Metal aryl halides, water-reactive, N.O.S, see 4.2, xxx4
METAL ALKYL HYDRIDES, WATER-REACTIVE, N.O.S., 4.2, 3050	Metal alkyl hydrides, water-reactive, N.O.S, see 4.2, xxx4
METAL ARYL HYDRIDES, WATER-REACTIVE, N.O.S, 4.2, 3050	Metal aryl hydrides, water-reactive, N.O.S, see 4.2, xxx4
ALUMINIUM ALKYL, 4.2, 3051	Aluminium alkyls, see 4.2, xxx4
ALUMINIUM ALKYL HALIDES, LIQUID, 4.2, 3052	Aluminium alkyl halides, liquid see 4.2, xxx4
ALUMINIUM ALKYL HALIDES, SOLID, 4.2, 3052	Aluminium alkyl halides, solid see 4.2, xxx3
MAGNESIUM ALKYL, 4.2, 3053	Magnesium alkyls, see 4.2, xxx4
ALUMINIUM ALKYL HYDRIDES, 4.2, 3076	Aluminium alkyl hydrides, see 4.2, xxx4
PYROPHORIC ORGANOMETALLIC COMPOUND, WATER REACTIVE, LIQUID, N.O.S, 4.2, 3203	Pyrophoric organometallic compound, water reactive, liquid, N.O.S, see 4.2, xxx4
PYROPHORIC ORGANOMETALLIC COMPOUND, WATER REACTIVE, SOLID, N.O.S, 4.2, 3203	Pyrophoric organometallic compound, water reactive, solid, N.O.S, see 4.2, xxx3
ORGANOMETALLIC COMPOUND DISPERSION, WATER REACTIVE, FLAMMABLE, N.O.S, 4.3, 3207	Organometallic compound dispersion, water reactive, flammable, N.O.S, see 4.3, xxx9
ORGANOMETALLIC COMPOUND SOLUTION, WATER REACTIVE, FLAMMABLE, N.O.S, 4.3, 3207	Organometallic compound solution, water reactive, flammable, N.O.S, see 4.3, xxx9
ORGANOMETALLIC COMPOUND SOLID, WATER REACTIVE, FLAMMABLE, N.O.S, 4.3, 3372	Organometallic compound solid, water reactive, flammable, N.O.S, see 4.3, xxx6

Delete the relevant UN entries as mentioned in section 3 from the Appendix A of the Modal Regulations.

4.2 Correct the following three new UN numbers in the Dangerous Goods List of Chapter 3.2 (see proposal ST/SG/AC.10/C.3/2002/25) to be read as:

UN No. (1)	Name and description (2)	Class of division (3)	Subsidiary risk (4)	Packing group (5)	Special provisions (6)	Limited quantities (7)	Packagings and IBCs		Portable tanks	
							Packing instruction (8)	Special provisions (9)	Portable tank instruction (10)	Portable tank special provision (11)
<u>xxx6</u> (3396)	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, FLAMMABLE	4.3	4.1	I	274	NONE	P403 IBC04			
		4.3	4.1	II	274	500 g	P410 IBC04			
		4.3	4.1	III	223 274	1 kg	P410 IBC06			
<u>xxx7</u> (3397)	ORGANOMETALLIC SUBSTANCE, SOLID, WATER-REACTIVE, SELF-HEATING	4.3	4.2	I	274	NONE	P403 IBC04			
		4.3	4.2	II	274	500 g	P410 IBC04			
		4.3	4.2	III	223 274	1 kg	P410 IBC06			
<u>xxx8</u> (3398)	ORGANOMETALLIC SUBSTANCE, LIQUID WATER-REACTIVE	4.3		I	274	NONE	P403 IBC04		T13	TP2 TP7
		4.3		II	274	500 g	P410 IBC04		T7	TP2 TP7
		4.3		III	223 274	1 kg	P410 IBC06		T7	TP2 TP7

Add the new entries (these corrected ones and the other ones mentioned in ST/SG/AC.10/C.3/2002/25) in Appendix A of the Model Regulations.