



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

1200 New Jersey Avenue, SE
Washington, DC 20590

MAY 3 1 2019

Drew Tener
Supervisor, Special Commodities Export
Ocean Network Express Inc.
950 West Bannock Street, Suite 700
Boise, ID 83702

Reference No. 18-0138

Dear Mr. Tener:

This letter is in response to your November 1, 2018, email requesting clarification of the Hazardous Materials Regulations (HMR; 49 CFR, Parts 171-180) applicable to the segregation requirements of the International Maritime Dangerous Goods (IMDG) Code. You present a scenario involving UN1835 and UN1760 and believe both hazardous materials, in the quantities identified below, may be loaded and transported in the same cargo transport unit based on your understanding of the provisions found in section 7.2.6.4 of the IMDG Code. The hazardous materials and segregation requirements (column 16b of the Dangerous Goods List) are as follows:

- "UN1835, Tetramethylammonium hydroxide solution, 8, PG III," two packages containing 25 liters each. Segregation requirements: Stow "separated from" acids.
- "UN1760, Corrosive liquids, n.o.s., 8, PG III," four drums containing 250 liters each. Segregation requirements: None.

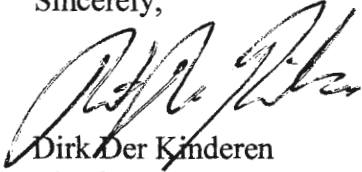
The requirements of section 7.2.6.4 of the IMDG Code state, notwithstanding the provisions of 7.2.5, substances of Class 8, packing group II or III, that would otherwise be required to be segregated from one another due to the provisions pertaining to segregation groups as identified by an entry in column 16b of the Dangerous Goods List indicating "away from" or "separated from" "acids" or "away from" or "separated from" "alkalis," may be transported in the same cargo transport unit, whether in the same packaging or not, provided:

1. The substances comply with the provisions of 7.2.6.1;
2. The package does not contain more than 30 liters for liquids or 30 kilograms for solids;
3. The transport document includes the statement required by 5.4.1.5.11.3; and
4. A copy of the test report that verifies that the substances do not react dangerously with each other shall be provided if requested by the competent authority.

Therefore, your understanding of the segregation requirements found in section 7.2.6.4 of the IMDG Code is not correct. Although the segregation requirements "separated from acids" is only applied to UN1835, in order to use the exception provided in section 7.2.6.4, both UN1835 and UN1760 must meet the provisions of section 7.2.6.4. Specifically, the UN1760 packaged in drums must contain no more than 30 liters of material.

I hope this information is helpful. Please contact us if we can be of further assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Dirk Der Kinderen", written in a cursive style.

Dirk Der Kinderen
Chief, Standards Development Branch
Standards and Rulemaking Division

Baker
18-0138

January, Ikeya CTR (PHMSA)

From: INFOCNTR (PHMSA)
Sent: Friday, November 02, 2018 4:12 PM
To: Hazmat Interps
Subject: FW: Request for official letter of interpretation concerning international regulations - IMDG 7.2.6.4

Hello Alice and Ikeya,

Below is a request for a letter of interpretation. I spoke with Steve Webb over these requirements.

Thanks,

Jonathon, HMIC

From: Drew Tener [mailto:Drew.Tener@one-line.com]
Sent: Thursday, November 01, 2018 4:18 PM
To: INFOCNTR (PHMSA) <INFOCNTR.INFOCNTR@dot.gov>
Cc: Lisa Stone <lisa.stone@one-line.com>
Subject: Request for official letter of interpretation concerning international regulations - IMDG 7.2.6.4

Dear Sir or Madam,

I am requesting official guidance to the interpretation of 7.2.6.4 of the IMDG as defined:

7.2.6.4

Notwithstanding the provisions of 7.2.5, substances of class 8, packing group II or III, that would otherwise be required to be segregated from one another due to the provisions pertaining to segregation groups as identified by an entry in column 16b of the Dangerous Goods List indicating "away from" or "separated from" "acids" or "away from" or "separated from" "alkalis", may be transported in the same cargo transport unit, whether in the same packaging or not, provided:

- .1 the substances comply with the provisions of 7.2.6.1;
- .2 the package does not contain more than 30 L for liquids or 30 kg for solids;
- .3 the transport document includes the statement required by 5.4.1.5.11.3; and
- .4 a copy of the test report that verifies that the substances do not react dangerously with each other shall be provided if requested by the competent authority.

As all segregation, such as "separated from Acids" etc, is identified in Column 16B; items that do not have provisions listed in 16B would not be subject to this section. Example, Acids (as identified 3.1.4) do not have "Separate from Alkali" in Column 16B but Alkalies (as identified in 3.1.4) have "separated from Acids" in Column 16B. In the situation where Acids and Alkalies are to be loaded in same shipping container, to satisfy 7.2.6.4 only the Alkali

needs to meet the provisions of 7.2.6.4 because the Acids do not have "separated for Alkalies" in Column 16B.

Scenario:

Would the following comply with 7.2.6.4:

UN1835 PGIII, 2 Packages of 25 L each, Segregation: "Separate from Acids"

UN1760 PGIII, 4 Drums 250 L each, Identified NOS as an Acid

Under my interpretation, this would meet the parameters of 7.2.6.4, due to the following:

1. Only UN1835 has a Segregation provision in Column 16B, 2. The cargo (1835) is less than 30 L per package (the weight/volume of UN1760 is irrelevant as no 16B restriction associated). Complies with 7.2.6.1, document and test reports are correct and provided.

Please advise.



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Drew Tener

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