COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS

(Twentieth session, Geneva, 7-16 December 1998, agenda item 2 (c)(ii))

WORK OF THE SUB-COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS

Draft amendments to the Recommendations on the Transport of Dangerous Goods

Model Regulations on the Transport of Dangerous Goods

Proposal for a new entry for hydrazinium-nitroformate in Class 1.1D

Transmitted by the Expert from the Netherlands

Introduction

1. At the fifteenth session of the Sub-Committee of Experts a Netherlands proposal for a new entry for hydrazinium-nitroformate (HNF) in Class 1.1D was discussed. (Document number ST/SG/AC.10/C.3/1998/68).

It was proposed to assign a UN number for phlegmatized HNF. It was outlined that the “normal” phlegmatizers did not lead to the desired reduced sensitiveness and that a phlegmatizer of the gel-type had to be used. For technical reasons, the amount of HNF was limited to an amount of 40%. A higher content of solid material would lead to a mixture which can not be processed.

GE.98-
2. The expert from the Netherlands indicated during the presentation of proposal
ST/SG/AC.10/C.3/1998/68 that research was being performed in an attempt to obtain a higher
solid load. If the attempts were successful, the sensitiveness of those formulations needs to be
established subsequently. However, until now it was not possible obtain a practicable mixture with
a higher solid load.

3. It is therefore proposed assign a UN number for HNF according to the original proposal.
For the data sheet giving the relevant safety properties, please refer to ST/SG/AC.10/C.3/1998/68.
For convenience the proposals are repeated in the next paragraphs.

Proposal

4. It is proposed to include an entry XXXX in the dangerous goods list of Chapter 3.2 of the
Model Regulations according to the following proposal.

<table>
<thead>
<tr>
<th>UN No.</th>
<th>Name and Description</th>
<th>Class or division</th>
<th>Subsidiary Risks</th>
<th>UN packing group</th>
<th>Special provisions</th>
<th>Limited quantities</th>
<th>Packagings and IBCs</th>
<th>Portable tanks</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td></td>
<td>(2)</td>
<td>(3)</td>
<td>(4)</td>
<td>(5)</td>
<td>(6)</td>
<td>(7)</td>
<td>(8)</td>
</tr>
<tr>
<td>XXXX</td>
<td>HYDRAZINUM-NITROFORMATE (HNF), DESENSITIZED, with not less than 60% phlegmatizer of the gel type</td>
<td>1.1D</td>
<td>266, YYY</td>
<td>112</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. Insert a new special provision in Chapter 3.3 of the Model Regulations reading:

YYY The substance shall be packed so that the percentage of phlegmatizer will not fall
below that stated, at any time during transport.