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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**

**REPORT OF THE COMMITTEE OF EXPERTS ON THE TRANSPORT OF
DANGEROUS GOODS AND ON THE GLOBALLY HARMONIZED SYSTEM OF
CLASSIFICATION AND LABELLING OF CHEMICALS ON ITS FOURTH SESSION**
(Geneva, 12 December 2008)

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¹ For practical reasons, this annex has been published as an addendum with the symbol ST/SG/AC.10/36/Add.1.

² For practical reasons, this annex has been published as an addendum with the symbol ST/SG/AC.10/36/Add.2.

³ For practical reasons, this annex has been published as an addendum with the symbol ST/SG/AC.10/36/Add.3.

REPORT

I. ATTENDANCE

1. The Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals held its fourth session in Geneva on 12 December 2008.
2. Experts from the following countries took part in the session: Argentina, Australia, Austria, Brazil, Canada, China, France, Germany, Japan, Netherlands, New Zealand, Norway, Poland, Portugal, Sweden, United Kingdom and United States of America.
3. The following intergovernmental organizations were represented: European Commission (EC) and Organization for Economic Co-operation and Development (OECD).
4. Representatives of the following non-governmental organizations were also present: International Council of Chemical Associations (ICCA) International Paint and Printing Ink Council (IPPIC), and the Soap and Detergent Association (SDA).

II. ADOPTION OF THE AGENDA (agenda item 1)

Document: ST/SG/AC.10/35 (Secretariat)

5. The Committee adopted the provisional agenda prepared by the secretariat.

III. ELECTION OF OFFICERS (agenda item 2)

6. Ms. K. Headrick (Canada) and Mr. R. Richard (United States of America) were elected President and Vice-President respectively.

IV. RESOLUTIONS AND DECISIONS OF THE ECONOMIC AND SOCIAL COUNCIL (agenda item 3)

Document: ST/SG/AC.10/2006/1 (Secretariat)

7. The Committee took note of the Economic and Social Council's resolution 2007/63 of 23 July 2007, of its decision 2008/201C of 29 April 2008 and of their consequences for its membership and that of its sub-committees, as detailed in the explanatory notes to the agenda.
8. The Committee noted with satisfaction that the secretariat had published the fifteenth revised edition of the Recommendations on the Transport of Dangerous Goods, Model Regulations (ST/SG/AC.10/1/Rev.15), Amendment 2 to the fourth revised edition of the Recommendations on the Transport of Dangerous Goods, Manual of Test and Criteria (ST/SG/AC.10/11/Rev.4/Amdt.2) and the second revised edition of the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) (ST/SG/AC.10/30/Rev.2) in all official languages of the United Nations.

9. It was also noted that the Model Regulations and the GHS were also available in electronic format:

- (a) On the website of the Transport Division of the United Nations Economic Commission for Europe (www.unece.org/trans/danger/danger.htm), in all official languages of the United Nations; and
- (b) Separately on a trilingual (English/French/Spanish) CD-ROM including in addition the Manual of Tests and Criteria, as a sales publication.

Other language versions could be made available by the secretariat on request.

V. WORK OF THE SUB-COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS DURING THE BIENNIUM 2008-2009 (agenda item 4)

Documents: ST/SG/AC.10/C.3/62 and -/Add.1
ST/SG/AC.10/C.3/64
ST/SG/AC.10/C.3/66 and -/Add 1
ST/SG/AC.10/C.3/2008/CRP.3 and Adds.1-10
ST/SG/AC.10/C.3/2008/CRP.4 and Adds.1-11

10. The Committee took note of the reports of the Sub-Committee of Experts on the Transport of Dangerous Goods (TDG Sub-Committee) on its thirty-first, thirty-second and thirty-third sessions. The Committee noted also that the Sub-Committee had adopted its reports on its thirty-fourth session (1-9 December 2008) on the basis of a draft prepared by the secretariat (ST/SG/AC.10/C.3/2008/CRP.3 and Adds.1-10 and -/CRP.4 and Adds. 1-11) with some slight modifications. The final report has been issued as ST/SG/AC.10/C.3/68.

11. The Committee endorsed the reports of the Sub-Committee, including the amendments to the existing recommendations on the transport of dangerous goods and the new recommendations made (see annexes I and II).

VI. WORK OF THE SUB-COMMITTEE OF EXPERTS ON THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS DURING THE BIENNIUM 2007-2008 (agenda item 5)

Documents: ST/SG/AC.10/C.4/26 and -/Corr.1
ST/SG/AC.10/C.4/28
ST/SG/AC.10/C.4/30
ST/SG/AC.10/C.4/2008/CRP.3 and Adds.1-5
ST/SG/AC.10/C.4/2008/CRP.4 and Add.1

12. The Committee took note of the reports of the Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (GHS Sub-Committee) on its thirteenth, fourteenth and fifteenth sessions. The Committee noted also that the Sub-Committee had adopted the report on its sixteenth session (10-12 December 2008) on the basis of a draft

prepared by the secretariat (ST/SG/AC.10/C.4/2008/CRP.3 and Add. 1-5 and -/CRP.4 and Add.1) with some minor changes. The final report has been issued as ST/SG/AC.10/C.4/32.

13. The Committee endorsed the reports of the Sub-Committee, including the amendments to the existing text of the GHS and the new provisions adopted (see annex III).

VII. PROGRAMME OF WORK FOR THE BIENNIUM 2009-2010 (agenda item 6)

A. Programme of work

14. The Committee approved the programme of work of the two sub-committees as reflected in ST/SG/AC.10/C.3/68, para. 118 and ST/SG/AC.10/C.4/32, Annex II.

B. Calendar of meetings

15. The Committee agreed that the schedule of meetings for 2009-2010 should be as follows:

2009

22-26 June 2009:	TDG Sub-Committee, 35th session	(10 meetings)
29 June – 1 (a.m) July 2009:	GHS Sub-Committee, 17th session	(5 meetings)
30 November – 9 (a.m) December 2009:	TDG Sub-Committee, 36th session	(15 meetings)
9 (p.m.) – 11 December 2009:	GHS Sub-Committee, 18th session	(5 meetings)
Total:	TDG: 25 meetings GHS: 10 meetings	

2010

21-30 (a.m) June 2010:	TDG Sub-Committee, 37th session	(15 meetings)
30 (p.m.) June – 2 July 2010:	GHS Sub-Committee, 19th session	(5 meetings)
29 November – 7 (a.m) December 2010:	TDG Sub-Committee, 38th session	(13 meetings)
7 (p.m.) – 9 December 2010:	GHS Sub-Committee, 20th session	(5 meetings)
10 December 2010:	Committee, 5th session	(2 meetings)
Total:	TDG: 28 meetings GHS: 10 meetings Committee: 2 meetings	

VIII. DRAFT RESOLUTION 2009/... OF THE ECONOMIC AND SOCIAL COUNCIL
(agenda item 7)

Informal document: INF.1

16. The Committee adopted a draft resolution for consideration by the Council at its 2009 substantive session (see annex IV).

IX. ANY OTHER BUSINESS (agenda item 8)

A. Cooperation between the sub-committees

17. The expert from Germany expressed the wish that the GHS Sub-Committee be represented by a member of its Bureau at sessions of the TDG Sub-Committee so that the TDG Sub-Committee could be briefed on matters being addressed by the GHS Sub-Committee when such matters could have implications for transport of dangerous goods regulations.

B. Condolences

18. The Committee learnt with great sadness that Ms. Chantal Baudet, who had provided with great devotion secretariat services to the Committee and its two sub-committees since 1994 had just passed away after a very long illness. The Committee observed a minute of silence in her memory and requested the President and Vice-President to send condolences to Ms. Baudet's family on its behalf.

X. ADOPTION OF THE REPORT (agenda item 9)

19. The Committee adopted the report on its fourth session and the annexes thereto on the basis of a draft prepared by the secretariat.

Annex I

Amendments to the fifteenth revised edition of the Recommendations on the Transport of Dangerous Goods, Model Regulations (ST/SG/AC.10/1/Rev.15)
(See ST/SG/AC.10/36/Add.1)

Annex II

Amendments to the fourth revised edition of the Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.4)
(See ST/SG/AC.10/36/Add.2)

Annex III

Amendments to the second revised edition of the Globally Harmonized System of Classification and labelling of Chemicals (GHS) (ST/SG/AC.10/30/Rev.2)
(See ST/SG/AC.10/36/Add.3)

Annex IV

Draft resolution 2009/... of the Economic and Social Council

2009/...

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

The Economic and Social Council,

Recalling its resolutions 1999/65 of 26 October 1999 and 2007/6 of 23 July 2007,

Having considered the report of the Secretary-General on the work of the Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals¹ during the biennium 2007-2008,

A. Work of the Committee regarding the transport of dangerous goods

Recognizing the importance of the work of the Committee for the harmonization of codes and regulations relating to the transport of dangerous goods,

Bearing in mind the need to maintain safety standards at all times and to facilitate trade, as well as the importance of this to the various organizations responsible for modal regulations, while meeting the growing concern for the protection of life, property and the environment through the safe and secure transport of dangerous goods,

Noting the ever-increasing volume of dangerous goods being introduced into worldwide commerce, and the rapid expansion of technology and innovation,

Recalling that while the major international instruments governing the transport of dangerous goods by the various modes of transport and many national regulations are now better harmonized with the Model Regulations annexed to the Committee's recommendations on the transport of dangerous goods further work on harmonizing these instruments is necessary to enhance safety and to facilitate trade; *Recalling* also that, uneven progress in the updating of national inland transport legislation in some countries of the world continues to present serious challenges to international multimodal transport,

1. *Expresses its appreciation* for the work of the Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals with respect to matters relating to the transport of dangerous goods, including their security in transport;

2. *Requests* the Secretary-General:

(a) To circulate the new and amended recommendations² on the transport of dangerous goods to the Governments of Member States, the specialized agencies, the International Atomic Energy Agency and other international organizations concerned;

(b) To publish the sixteenth revised edition of the *Recommendations on the Transport of Dangerous Goods: Model Regulations*³ and the fifth revised edition of the *Recommendations on the Transport of Dangerous Goods: Manual of Tests and Criteria*⁴ in all the official languages of the United Nations, in the most cost-effective manner, no later than the end of 2009;

(c) To make those publications available on the website of the Economic Commission for Europe,⁵ which provides secretariat services to the Committee, and to make them available also on CD-ROM;

3. *Invites* all Governments, regional commissions, the specialized agencies, the International Atomic Energy Agency and the other concerned international organizations to transmit to the secretariat of the Committee their views on the Committee's work, together with any comments that they may wish to make on the UN Recommendations on the Transport of Dangerous Goods;

4. *Invites* all interested Governments, the regional commissions, the specialized agencies and the international organizations concerned to take into account the recommendations of the Committee when developing or updating appropriate codes and regulations;

5. *Requests* the Committee to study, in consultation with the International Maritime Organization, the International Civil Aviation Organization, the regional commissions and the intergovernmental organizations concerned, the possibilities of improving the implementation of the Model Regulations on the Transport of Dangerous Goods in all countries for the purposes of ensuring a high level of safety and eliminating technical barriers to international trade, including through the further harmonization of international agreements or conventions governing the international transport of dangerous goods;

6. *Invites* all Governments, as well as regional commissions or organizations concerned, the International Maritime Organization and the International Civil Aviation Organization, to provide feedback to the Committee as regards variations in the provisions of national, regional or international legal instruments from those of the Model Regulations, in order to enable the Committee to develop cooperative guidelines for enhancing consistency between these requirements and reducing unnecessary impediments; identifying existing substantive international modal, regional, and national differences with the aim of reducing these differences to the greatest extent practical and ensuring that where differences are necessary that they do not pose impediments to the safe and efficient transport of dangerous goods; undertaking an editorial review of the

Model Regulations and various modal instruments with the aim of improving clarity, user friendliness and the ability for the requirements to be easily translated;

B. Work of the Committee regarding the Globally Harmonized System of Classification and Labelling of Chemicals

Bearing in mind that in paragraph 23 (c) of the Plan of Implementation of the World Summit on Sustainable Development (Johannesburg Plan of Implementation)⁶ countries were encouraged to implement the Globally Harmonized System of Classification and Labelling of Chemicals as soon as possible with a view to having the system fully operational by 2008,

Bearing in mind also that the General Assembly, in its resolution 57/253 of 20 December 2002, endorsed the Johannesburg Plan of Implementation and requested the Economic and Social Council to implement the provisions of the Plan relevant to its mandate and, in particular, to promote the implementation of Agenda 21 by strengthening system-wide coordination,

Noting with satisfaction:

(a) That the Economic Commission for Europe as well as all United Nations programmes and specialized agencies concerned with chemical safety in the field of transport or of the environment, in particular, the United Nations Environment Programme, the International Maritime Organization and the International Civil Aviation Organization, have already taken appropriate steps to amend their legal instruments in order to give effect to the Globally Harmonized System of Classification and Labelling of Chemicals before the end of the 2008 target date or are considering amending them as soon as possible;

(b) That the International Labour Organization, the Food and Agriculture Organization and the World Health Organization are also taking appropriate steps to adapt their existing chemical safety recommendations, codes and guidelines to the Globally Harmonized System of Classification and Labelling of Chemicals, in particular in the areas of occupational health and safety, pesticide management and the prevention and treatment of poisoning;

(c) That the Globally Harmonized System of Classification and Labelling of Chemicals is already in force in New Zealand (since 2001) and Mauritius (since 2004)⁷;

(d) That a new regulation of the European Parliament and of the Council implementing the Globally Harmonized System of Classification and Labelling of Chemicals in the Member States of the European Union and the European Economic Area entered into force on 20 January 2009⁸;

(e) That other Member States participating in the activities of the Subcommittee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals, are actively preparing revisions of national legislation

applicable to chemicals for implementation of the Globally Harmonized System of Classification and Labelling of Chemicals;

(f) That several United Nations programmes, specialized agencies and regional organizations, in particular the United Nations Institute for Training and Research, the International Labour Organization, the World Health Organization, the Economic Commission for Europe, Asia-Pacific Economic Cooperation, the Organization for the Economic Co-operation and Development, Governments, the European Commission and non-governmental organizations representing the chemical industry, have organized or contributed to multiple workshops, seminars and other capacity-building activities at the international, regional, sub-regional and national levels in order to raise administration, health sector and industry awareness and to prepare for the implementation of the Globally Harmonized System of Classification and Labelling of Chemicals;

Aware that effective implementation will require further cooperation between the Subcommittee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals and the international bodies concerned, continued efforts by the Governments of the Member States, cooperation with the industry and other stakeholders, and significant support for capacity-building activities in countries with economies in transition and developing countries,

Recalling the particular significance of the United Nations Institute for Training and Research, International Labour Organization, Organization for Economic Co-operation and Development Global Partnership for Capacity-Building to implement the Globally Harmonized System of Classification and Labelling of Chemicals for building capacities at all levels,

1. *Commends* the Secretary-General for the publication of the second revised edition of the *Globally Harmonized System of Classification and Labelling of Chemicals (GHS)* in the six official languages of the United Nations, in book form⁹ and on CD-ROM,¹⁰ and its availability together with related information material on the website of the Economic Commission for Europe which provides secretariat services to the Committee;¹¹

2. *Expresses its deep appreciation* to the Committee, the Economic Commission for Europe, United Nations programmes, specialized agencies and other organizations concerned for their fruitful cooperation and their commitment to the implementation of the Globally Harmonized System of Classification and Labelling of Chemicals;

3. *Requests* the Secretary-General:

(a) To circulate the amendments¹² to the second revised edition of the *Globally Harmonized System of Classification and Labelling of Chemicals* to the Governments of Member States, the specialized agencies and other international organizations concerned;

(b) To publish the third revised edition¹³ of the *Globally Harmonized System of Classification and Labelling of Chemicals* in all the official languages of the United Nations in the most cost-effective manner no later than the end of 2009 and to make it available on CD-ROM and on the website of the Economic Commission for Europe;⁵

(c) To continue to provide information on the implementation of the Globally Harmonized System of Classification and Labelling of Chemicals available on the website of the Economic Commission for Europe;⁷

4. *Invites* Governments that have not yet done so to take the necessary steps, through appropriate national procedures and/or legislation, to implement the Globally Harmonized System of Classification and Labelling of Chemicals as soon as possible;

5. *Reiterates its invitation* to the regional commissions, United Nations programmes, the specialized agencies and other organizations concerned to promote the implementation of the Globally Harmonized System of Classification and Labelling of Chemicals and, where relevant, to amend their respective legal international instruments addressing transport safety, workplace safety, consumer protection or the protection of the environment so as to give effect to the Globally Harmonized System of Classification and Labelling of Chemicals through such instruments;

6. *Invites* Governments, the regional commissions, United Nations programmes, the specialized agencies and other organizations concerned to provide feedback to the Subcommittee on the steps taken for the implementation of the Globally Harmonized System of Classification and Labelling of Chemicals in all relevant sectors, through international, regional or national legal instruments, recommendations, codes and guidelines, including (when applicable) information about the transitional periods for its implementation;

7. *Encourages* Governments, the regional commissions, United Nations programmes, specialized agencies and other relevant international organizations and non-governmental organizations, in particular those representing industry, to strengthen their support of the implementation of the Globally Harmonized System of Classification and Labelling of Chemicals by providing financial contributions and/or technical assistance for capacity-building activities in developing countries and countries with economies in transition;

C. Programme of work of the Committee

Taking note of the programme of work of the Committee for the biennium 2009-2010 as contained in paragraphs [...] of the report of the Secretary-General,¹

Noting the relatively poor level of participation of experts from developing countries and countries with economies in transition in the work of the Committee and the need to promote their wider participation in its work,

1. *Decides* to approve the programme of work of the Committee;
2. *Stresses* the importance of the participation of experts from developing countries and from countries with economies in transition in the work of the Committee and, in that regard, calls for voluntary contributions to facilitate their participation, including through support for travel and daily subsistence, and invites Member States and international organizations in a position to do so to contribute;
3. *Requests* the Secretary-General to submit a report to the Economic and Social Council in 2011 on the implementation of the present resolution, the recommendations on the transport of dangerous goods and the Globally Harmonized System of Classification and Labelling of Chemicals.

¹ E/2009/.... [to be completed]

² ST/SG/AC.10/36/Add.1 and Add.2.

³ ST/SG/AC.10/1/Rev.16.

⁴ ST/SG/AC.10/11/Rev.5.

⁵ www.unece.org/trans/danger/danger.htm.

⁶ Report of the World Summit on Sustainable Development, Johannesburg, South Africa, 26 August-4 September 2002 (United Nations publication, Sales No. E.03.II.A.1 and corrigendum), chap. I, resolution 2, annex.

⁷ Information on implementation of the Globally Harmonized System of Classification and Labelling of Chemicals by country and through international legal instruments, recommendations, codes and guidelines is available on the website of the Economic Commission for Europe at www.unece.org/trans/danger/publi/ghs/implementation_e.html.

⁸ “Regulation (EC) No 1272/2008 of the European parliament and of the council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006” (Official Journal of the European Union L 353 of 31 December 2008).

⁹ United Nations publication, Sales No. E.07.II.E.5 and corrigenda.

¹⁰ United Nations publication, Sales No. E/F/S.07.VIII.4.

¹¹ <http://www.unece.org/trans/danger/danger.htm>

¹² ST/SG/AC.10/36/Add.3.

¹³ ST/SG/AC.10/30/Rev.3.
