

SINGAPORE STANDARD

SS 586 : Part 2 : 2008

(ICS 13.300)

SPECIFICATION FOR

Hazard communication for hazardous chemicals and dangerous goods

*Part 2 : Globally harmonised system of
classification and labelling of chemicals –
Singapore's adaptations*

Published by
SPRING Singapore
2 Bukit Merah Central
Singapore 159835
SPRING Singapore Website: www.spring.gov.sg
Standards Website: www.standards.org.sg

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ISBN 981-4154-75-X

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Foreword

This Singapore Standard was prepared by the Working Group appointed by the Technical Committee on Chemistry under the purview of the Chemical Standards Committee. The SS 586 series of standards is the result of the revision of SS 286 : 1984, 'Caution labelling for hazardous substances' (5 parts) and CP 98 : 2003, 'Preparation and use of Material Safety Data Sheets (MSDS)'.

The Specification for hazard communication for hazardous chemicals and dangerous goods comprises the following three parts, which are complementary to one another:

Part 1 : Transport and storage of dangerous goods,

Part 2 : Globally harmonised system of classification and labelling of chemicals – Singapore's adaptations, and

Part 3 : Preparation of Safety Data Sheets (SDS).

SS 586 : Part 1 provides information and guidance on the classification of dangerous goods by the types of hazards they present. It also provides information on standard hazard communication labels. This part applies to the storage and transportation of dangerous goods by road in Singapore, which includes carriages in bulk, tank-vehicles, vehicles with demountable tanks as well as by vehicles carrying dangerous goods in packages. The transportation of dangerous goods by sea and air is subject to the requirements of International Maritime Organisation (IMO) and International Air Transport Association (IATA) / International Civil Aviation Organisation (ICAO) respectively and is not covered in this standard.

SS 586 : Parts 2 and 3 provide guidance for the implementation of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Preparation of Safety Data Sheets in Singapore. GHS is an international system for the classification of chemicals by the types of hazards they present. It provides information on standard hazard communication elements including labels and SDS. The GHS helps to ensure that information on physical hazards, health hazards and environmental hazards from chemicals is made available, in order to enhance the protection of human health and the environment during the handling, transport, and use of these chemicals. The GHS also provides for the global harmonisation of rules and regulations on the classification, labelling and SDS of chemicals.

In preparing this part of the Singapore Standard, reference was made to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS Purple Book, revision 2) published by the United Nations. The GHS document may be obtained by:

1. Purchasing directly from the United Nations (<https://unp.un.org/>) as a book or a CD. The ISBN Number is available from the United Nations internet site (http://www.unece.org/trans/danger/publi/ghs/ghs_pubdet.html)
2. Downloading from the internet as pdf files (http://www.unece.org/trans/danger/publi/ghs/ghs_rev02/02files_e.html).

This standard is expected to be used by chemical manufacturers, importers, suppliers, users, and supply chain service providers. The national competent authorities such as the Agri-Food and Veterinary Authority of Singapore (AVA), Health Sciences Authority (HSA), Ministry of Health (MOH), Ministry of Manpower (MOM), National Environment Agency (NEA), Singapore Civil Defence Force (SCDF) and Singapore Police Force (SPF) may use this standard to supplement their regulations and / or guidelines.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. SPRING Singapore shall not be held responsible for identifying any or all of such patent rights.

NOTE

- 1. Singapore Standards are subject to periodic review to keep abreast of technological changes and new technical developments. The changes in Singapore Standards are documented through the issue of either amendments or revisions.*
- 2. Compliance with a Singapore Standard does not exempt users from legal obligations.*

Specification for hazard communication for hazardous chemicals and dangerous goods – Part 2 : Globally harmonised system of classification and labelling of chemicals – Singapore’s adaptations

1 Scope

This Singapore Standard adopts the United Nations Globally Harmonised System of Classification and Labelling of Chemicals, which provides an international system for the classification of chemicals by the types of hazards that they present. It also specifies standard hazard communication elements including labels and safety data sheets.

The GHS helps to ensure that information on physical hazards, health hazards and environmental hazards from chemicals is made available, in order to enhance the protection of human health and the environment during the handling, transport, and use, of these chemicals.

The GHS provides for the global harmonisation of rules and regulations on the classification and labelling of chemicals as well as hazard communication about chemicals.

The GHS is adapted by Singapore for the classification and labelling of chemicals in Singapore and for their use in international trade.

This standard provides guidance for the implementation of the GHS in Singapore.

2 References

2.1 GHS reference document

The Globally Harmonised System of Classification and Labelling of Chemicals is hereby referred to as “GHS” or the “Purple Book” in this standard. The document is indispensable for the application of this standard. For dated reference, only the edition cited applies. For undated reference, the latest edition of the document (including any amendments) applies.

2.2 Informative reference

The use of safety data sheets for hazardous chemicals which are intended to provide hazard information to users of the chemicals can be found in Annex A.