



# MALAYSIAN STANDARD

MS 409:2012

**Packaging and storage of pesticides -  
Code of practice  
(First revision)**

**ICS: 55.020**

Descriptors: packaging, pesticides, storage, code of practice

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## **MS 409:2012**

### **Committee representation**

The Industry Standards Committee on Packaging and Distribution (ISC K) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Department of Civil Aviation Malaysia  
Department of Environment Malaysia  
Department of Standards Malaysia  
Federation of Malaysian Freight Forwarders  
Federation of Malaysian Manufacturers  
Jabatan Pengangkutan Jalan Malaysia  
Keretapi Tanah Melayu Berhad  
Malaysian Plastics Manufacturers Association  
Malaysian Pulp and Paper Manufacturers Association  
Marine Department Malaysia  
Ministry of Domestic Trade, Co-operatives and Consumerism  
Ministry of International Trade and Industry  
Port Klang Authority  
SIRIM Berhad (Secretariat)  
Suruhanjaya Komunikasi dan Multimedia Malaysia  
Universiti Putra Malaysia

The Technical Committee on Packaging which supervised the development of this Malaysian Standard consists of representatives from the following organisations:

Consumers Association of Penang  
Federal Agricultural Marketing Authority  
Federation of Malaysian Manufacturers  
Keretapi Tanah Melayu Berhad  
Malaysia Airlines Advanced Cargo  
Malaysian Agricultural Research and Development Institute  
Malaysian Palm Oil Association  
Malaysian Plastics Manufacturers Association  
Malaysian Pulp and Paper Manufacturers Association  
Port Klang Authority  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd  
Universiti Putra Malaysia  
Universiti Teknikal Malaysia Melaka

The Working Group on Packaging and Storage of Pesticides which developed this Malaysian Standard consists of representatives from the following organisations:

Department of Agriculture (Pesticides Board)  
Federation of Malaysian Manufacturers  
Malaysian CropLife & Public Health Association  
Malaysian Plastics Manufacturers Association  
SIRIM Berhad (Secretariat)  
SIRIM QAS International Sdn Bhd (Mechanical and Automotive Section)

## **FOREWORD**

This Malaysian Standard was developed by the Working Group on Packaging and Storage of Pesticides under the authority of the Industry Standards Committee on Packaging and Distribution.

This Malaysian Standard is the first revision of MS 409, *Code of practice for packaging and storage of pesticides*.

The major modifications in this revision are as follows:

- a) the title has been changed to, "Packaging and storage of pesticides - Code of practice (First revision)";
- b) incorporation of a new clause on "Normative references" in Clause 2;
- c) amendment on the "Definitions" in Clause 3;
- d) amendment on the "General packaging requirements" in Clause 4;
- e) amendment on the "Standard requirements for pesticide-packs" in Clause 5;
- f) incorporation of a new clause on "Selection of appropriate pesticide containers" in Clause 6;
- g) incorporation of a new clause on "Specification of pesticide containers" in Clause 7;
- h) incorporation of a new clause on "Testing of pesticide containers" in Clause 8;
- i) amendment on the "Storage of pesticides" in Clause 9; and
- j) deletion on Appendix A for substances weight of packaging material, Appendix B for minimum burst-strengths for fibreboard drums and Appendix C on vertical impact test by dropping.

This Malaysian Standard cancels and replaces MS 409:1976.

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.