



# Chemical Compliance Asia Guide - Malaysia

Hazardours Chemicals and Dangerous Goods Expert, GBK China



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# **Guide Development Team Introduction**

What is GBK China?



# **GBK China**

# **Regulatory Compliance Consultant**

GBK GmbH Global Regulatory Compliance was founded in 1986, Germany, specialising in hazardous chemicals and dangerous goods compliance consulting with over 30 years industrial experience.

GBK China established its branch office in Shanghai, focusing on the consultancy business in **Asia-Pacific region** as China, Japan, Korean, etc.



# **Guide Development Team Introduction**

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Why you can believe us

750+

**Global Partners & Customers** 

BMW, L'Oreal, Schneider...

12+

Countries We Do

Japan, Singapore, Australia...

2

Competitiveness Experience Reliability



10+

Type of Our Services

24h Emergency Telephone, GHS and SDS Consulting, Company Training ...

And...

· Seats We Hold

Members or counsellors in FIATA, ESMCG, SCBA...

· Services Online

Live broadcast, webninar, weekly compliance report...



# Contents

Malaysia

01 M

Malaysia GHS

Standard & Implement

02

Environmental Chemical Classification Hazardous Substance

03

**EHSNR Registration** 

Registration & Management

#01

# Malaysia GHS

Hazard Chemicals

For chemicals imported into Malaysia, there are clear compliance requirements in terms of classification, labelling and safety data sheets.

01 Scope - Occupational Safety and Health (Classification, Labelling and Safety Data Sheets of Hazardous Chemicals) Regulations 2013 SDS and Labels -Industry Code of Practice on Regulations 02 Chemicals Classification and Hazard Communication (ICOP) Regulatory Authority - Department of Occupational Safety and Health (DOSH) 03

The classification criteria in Malaysia are aligned with UN GHS Rev. 3, but some classifications are not adopted by Malaysia inventory

# **#01 Malaysia GHS**

GBK Your Hazardous Chemicals and Dangerous Goods Compliance Consultant

# **Not Adopted Classifications**

Not included in Malaysia GHS

- Flammable Liquids Cate. 4;
- Acute Toxicity Cate. 5;
- Skin corrosion/irritation Cate. 3;
- Aspiration Cate. 2;
- Acute Aquatic Hazards Cate. 2 & 3;



# **GHS 1+1**

### SDS and Label

Manifestations of GHS Hazard Communication

### Required

In Malaysia, ICOP sets out detailed requirements on chemical classifications, labelling and safety data sheets (SDS).

### Material Safety Data Sheets (MSDS) provide:

- Standard 16-section SDS SDS/MSDS
  - 2. Should be prepared in Malaysian and English
  - Emergency telephone number

### **Label** should follow the criteria below:

- Minimum font size 7 points
- Pictogram size one fifteenth of the surface area of a label (minimum 10 mm x 10 mm);
- Language in both Malaysian and English;
- Label size depending on package volume
- Small package (≤125 ml) hazard and precautionary statements can be omitted; plus a statement "read SDSs before use"

# Label

#02

# Environmental Hazardous Substance

Definition and Classification

There's no new chemical management regulation in Malaysia yet, the main regulation is Environmentally Hazardous Substances Notification and Registration (EHSNR)

### What is EHS?

EHS means Environmental Hazardous Substance, which substances that are classified as hazardous under the GHS or are included in the existing internationally agreed list of proscribed substance.

### **EHS Scope**

Any natural or artifificial substances including any raw material, whether a solid, semi-solid or liquid form, or in the form of gas or vapour, or in a mixture of at least two of these substances, or any living organism intended for any environmental protection, conservation and control activity, which can cause pollution



# **EHSNR Regulation**

Malaysia Chemical Substances Management Regulation



The chemical management legislation currently in use in Malaysia is the Environmentally Hazardous Substances Notification and Registration (EHSNR).

It is a registration law for hazardous chemicals based on the EHS list and the EU Carcinogenic, Mutagenic and Reprotoxic (CMR) substances list



#03

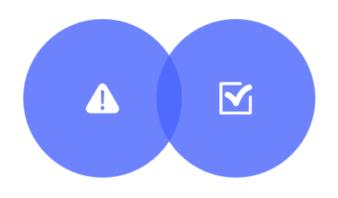
# EHSNR Registration

Registration In Malaysia

Environmentally Hazardous Substances Notification and Registration (EHSNR) started in 2009 as a voluntary scheme, which encourages manufacturers and importers of EHS to submit EHS notifications

# Substance need EHSNR Registration

- Chemicals in EHS List In total 3843 substances, refer to EU CLP Annex VI
- Chemicals in CMR List In total 1752 substances, which is a subset of the EHS



## **Exemption Substances**

- Naturally-occurring substances
- Incidental/end-use reaction products
- Mixtures (not mixture components)
- Impurities
- By-products
- Non-isolated intermediates
- Low volume substances (<1 tonne per annum)
- Polymers
- .....

# #03 EHSNR Registration

The EHSNR is a voluntary filing programme, therefore, the requirements for filers are not stringent. The Malaysian Government only requires the producer or importer to register the chemicals

### Who need EHS Registration

- Local manufacturers of EHS substances
- Importers of EHS substances and/or mixtures or finished products containing EHS (EHS content ≥ 1%) or CMR substances (CMR ≥ 0.1%) into Malaysia

### Who do not need EHSNR registration

- People using locally produced EHS in Malaysia
- Chemical companies that use EHS raw materials sourced from local suppliers
- Companies that sell, manufacture and use EHS substances or mixtures sourced locally in Malaysia



# Notificatoin and Registration Types

### **Basic Notification**

- 01
- Scope Substances in EHS and CMR List
- Notify Content Labelling, year of declaration, status (pure substance, mixture/product component), concentration range, annual production, use, place of origin
- Apply Time Between January and June
- Frequency Every year

### **Detailed Notification**

- 02
- Scope Substances has GHS classification but not in EHS and CMR List
- Notify Content Addition to the basic notification: physico-chemical information, physical hazards, health hazards, aquatic environmental hazards, GHS classification
- Apply Time Between January and December
- Frequency Only need to register once







# GBK China Malaysia Compliance Guide

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