



GLOBAL REGULATORY
COMPLIANCE



Chemical Compliance

Asia Guide - Thailand

Hazardous Chemicals and Dangerous Goods Expert, GBK China



Start

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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

Why you can believe us

750+

Global Partners & Customers

BMW, L'Oreal, Schneider...

12+

Countries We Do

Japan, Singapore, Australia...



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, webinar,
weekly compliance report...



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Declaration & Classification



#01

Thailand GHS

Hazard Chemicals

Thailand GHS was introduced in 2012, it adopted 28 hazard categories covering physical hazard (16), health hazard (10) and environmental hazard (2).



#01 Thailand GHS

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Regulations

01

Classification - *Hazard Classification and Communication System of Hazardous Substances B.E.2555 (2012)*

02

Scope - *3rd Revised Edition of UN GHS (2009)*

03

Essence - *Duties of manufacturer and importer for hazardous chemicals safety management*

Thailand GHS is only part of the product import/export compliance, and there are other **local regulatory** that need to be followed when hazardous chemicals enter Thailand.



#01 Thailand GHS

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GHS 1+1

SDS and Label

Manifestations of GHS Hazard Communication

Required

The safety data sheets and labelling requirements in Thailand are mainly based on the [third edition](#) of the GHS (2009) and the [seventh edition](#) of the GHS (2017) issued by the United Nations.

SDS/MSDS

Safety Data Sheets (SDS) provide:

1. Thailand adopted standard [16-section](#) SDS
2. The hazardous composition information shall be submitted to the authority
3. For confidential business information (CBI) - authority will protect the CBI but which need to be applied first

Label

1. Pictogram should be put in an [appropriate size](#)
2. Pictogram should be made in [black, white background, within a red square frame](#) set an angle of 45° (diamond shaped)
3. For [small package & label size](#), label is not required



#02

Hazardous Substances Control

Chemical Substance Control Law

For hazardous substances entering Thailand, they are generally classified into 4 class according to regulations. For existing hazardous substances on the inventory of hazardous chemicals (B.E. 2558), declarations or registration are required.



#02 Hazardous Substances Control

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Control Measures

- Thailand GHS
- **Registration, Declaration and License**
- New Chemicals Management
- Transportation and Storage
- Waste Management





#02 Hazardous Substances Control

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Hazardous Chemicals

Basis of the Control Measurement



Hazardous Substance Act B.E. 2535 (1992)

Notification of the Department of Industrial Works: Existing Chemicals Inventory in Thailand (TECI) No. 1 B.E. 2563 (2020)

Aim - protect human health and the environment

Scope - the importation, production, marketing, and possession of all hazardous chemicals used in Thailand

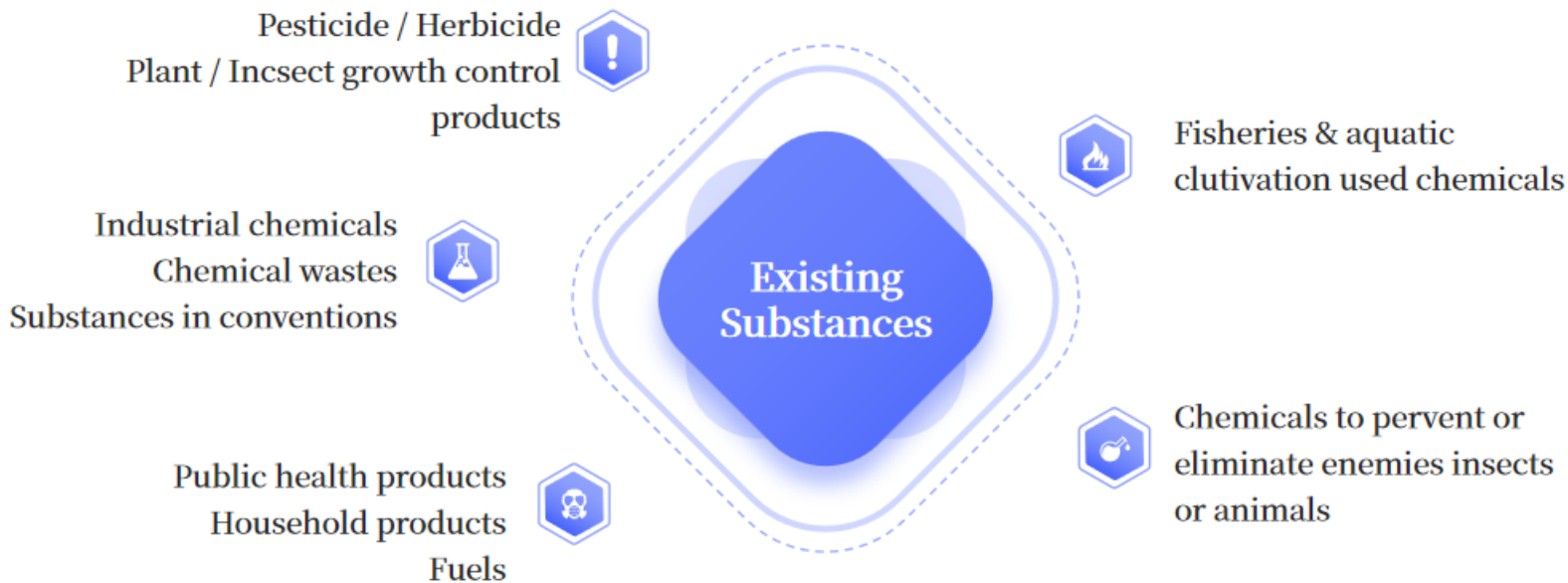
Classification - Class 1, 2, 3 and 4 chemicals





#02 Hazardous Substances Control

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Exemption: Cosmetics, food, fertilizers, pharmaceuticals.....products regulated by other laws



#02 Hazardous Substances Control

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Control Measures

Different Control Measures for Different Class Hazardous Chemicals

01

Declaration

- For **Class 1 and 2** hazardous chemicals
- And all hazardous chemicals production/import amount **> 1 ton per year**

02

Registration

- For **Class 2 and 3** hazardous chemicals
- Valid maximum for **6 years**
- Required: chemicals composition, hazard identification, intended use, packaging and labelling

03

Licences

- Only for **Class 3** hazardous chemicals
- Valid maximum for **3 years**

Class 4 Chemicals

It is prohibited to manufacture, import, export or possess in Thailand due to the high risk to human



#02 Hazardous Substances Control

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Class 1 Hazard Chemicals	• Need submit the declaration or notification to competent official before taking the activities
Class 2 Hazard Chemicals	• Need registration before production or import • Need submit the declaration or notification to competent official before taking the activities
Class 3 Hazard Chemicals	• Need registration before production or import • Need license for the production, import, export or possession • Need license for the transit
Class 4 Hazard Chemicals	• Prohibit • Except the chemical substances for R&D purposes



#03

New Regulation

Updating of the Regulations

Thailand published a new chemical regulation as *Chemical Substance Act* in 2019, which will replace the existing HSA to change the criteria for classification of hazardous substances.



#03 Thailand New Regulation

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01

Regulation

A draft of *Chemical Substance Act (4th edition, 2021)* was published to replace the existing *Hazardous Substances Act (HSA)*.

A new chemical registration system and a new chemical classification system were introduced in the draft.

02

New Chemicals

- Chemicals not included in the TECI
- May also need SVHC risk evaluation report (if the chemical is SVHC substance)
- May also need production/import declaration if the production/import amount of the substances > 1 ton per year



#03 Thailand New Regulation

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New Classification

In the new Act, the substances will be classified into 3 Lists:

- **List 1: Low risk.** Enterprises shall comply with the coming standards of substances in the List 1.
- **List 2: High risk.** Enterprises must obtain licensing from the competent authority before handling chemicals in this list.
- **List 3: All activities are prohibited.** Substances for R&D purposes or chemicals where the contamination is unavoidable can be exempt.

This classification is only at the draft stage and has **not been formally implemented yet!**



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