



GLOBAL REGULATORY
COMPLIANCE



Chemical Compliance

Asia Guide - South Korea

Hazardous Chemicals and Dangerous Goods Expert, GBK China



Start

01

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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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Registration & Evaluation



#01

Korea GHS

Hazard Chemicals

Korea implemented GHS for substances and mixtures since 1 July 2013, which provides for mandatory classification and management of chemicals with different levels of hazard.



#01 Korea GHS

GBK - Your Hazardous Chemicals and Dangerous Goods Compliance Consultant

Ministries & Regulations

01

MoEL - The Ministry of Employment and Labor

Scope - All chemicals meeting GHS hazard classification

02

MoE - The Ministry of Environment

Scope - Toxic chemicals announced by the National Institute of Environmental Research(NIER)

03

NEMA - The National Emergency Management Agency

Scope - Chemicals with Physical Hazards

MoEL's Public Notice No. 2016-19 is the latest and most important Korea GHS standard



#01 Korea GHS

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GHS 1+1

MSDS and Label

Manifestations of GHS Hazard Communication

Required

The purpose of the GHS is to ensure that hazard information about chemicals can be traced.
Korea MSDS and labelling standard is mainly enforced in accordance with [MoEL Public Notice No. 2023-9](#)

SDS/MSDS

Material Safety Data Sheets (MSDS) provide:

1. Information of [safety, health and environmental protection](#)
2. Korea adopted standard [16-section](#) MSDS, should be prepared in Korean
3. Korea allows [confidential business information](#) (CBI) to be hidden

Label

(그림문자 예시)	(명 칭) (신 호 이)
	유해·위험 문구 :
	예방조치 문구 :
	공급자 정보 :

Elements: GHS Product Name, Pictograms, Signal word, Hazard statements, Supplier identification...



#02

MSDS & CBI

Korea Agency Service

For some companies, the ingredients or concentrations in their product sheets may involve confidential business information (CBI). Therefore, when making MSDS, it is necessary to apply for CBI certification for confidentiality measures.

#02 MSDS Submission

In Korea, MSDS information should be submitted for **all substances or mixtures** containing hazardous factors, not only for products with GHS classification.

Registration Body

- Manufacturers or importers in Korea
- Agents in Korea appointed by **overseas manufacturers (OR)**

Submission Material

- MSDS of the product
- Names and components of **non-hazardous ingredients** in the product, or Confirmation of Chemical Form and Letter of Confirmation (LoC) provided by overseas manufacturers.

Application

- **MSDS number** is obtained after MSDS submission, and can be used to transfer or provision MSDS
- MSDS number should be add on MSDS for delivery



#02 CBI Application

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CBI for Who?

Companies with trade secrets requirements



Hazardous chemical substances **exceeding concentration limits** must be stated in the MSDS.

But Korea allows companies to protect their trade secrets. Companies can request to use **substitute names/contents** by applying for a CBI against MoEL.





#02 CBI Application

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CBI Application Materials	1. Applicant information 2. Evidence justification of CBI claim (Non-disclosure, confidentiality, economic value) 3. Substitute data (Generic name/content range etc.,) 4. MSDS 5. Full composition information/ hazardous info 6. Document designated and published by MoEL
CBI Application Period	• 30 days since receiving CBI approval application • For special circumstances, a 10-day extension can be approved
CBI Results & Future Usage	• Application Approved - CBI approval number and validity period • Validity Period - 5 Years • Both informations should be added into chemical's MSDS



#02 CBI Application

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CBI 申请材料	1. 申请人信息 2. 用于认证CBI的商业证据证明（不可披露、保密必要、经济价值） 3. 用于替代的信息（通用名称/替代含量等） 4. MSDS 安全数据表 5. 完整的成分信息/危险信息，包括非有害物质 6. 由MoEL指定需要的文件
CBI 申请周期	• 自官方部门收到CBI批准申请或延长CBI批准申请之日起，约30天审核时间 • 如有特殊情况，可能会延期10天 • 对于研发用途的产品，审核周期约为2周
CBI 申请结果 & 其他注意事项	• 批复通过后 - 将提供 CBI 获批编号和 CBI 有效期 • 有效期 - 自获批后 5 年 • CBI 获批编号和有效日期都必须添加在化学品的MSDS中



#03

K-REACH

Registration In Korea

Korea *The Act on Registration and Evaluation of Chemical* (K-REACH) was promulgated by the Ministry of Environment of Korea (MoE), it is another chemicals management bill with international influence after EU REACH.



#03 K-REACH

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For What

New Chemicals (>0.1 ton/yr)

Existing chemicals (>1 ton/yr)

Chemicals may cause significant damage to human and the environment(<1 ton/yr)

By Whom

Korean importers or manufacturers

Overseas manufacturers may appoint an Only Representative (OR)



To Whom

- Ministry of the Environment (MoE)
- National Institute of Environmental Research (NIER)
- Korea Chemicals Management Association (KCMA)

When

- New Chemical: before import or manufacture activities
- Existing chemical: grace period



#03 K-REACH

GBK - Your Hazardous Chemicals and Dangerous Goods Compliance Consultant

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#03 Hazardous Chemicals Registration

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Existing Chemicals

Chemicals in the Korea Existing Chemicals List (KECL)

New Chemicals

Substance that is not on the KECL, include chemicals:

- Were placed on the Korean market **before** the 1991.02.02 and notified by the MoE on the 1996.12.23
- Hazard assessment has been completed and have been notified by the MoE **after** 1991.02.02





#03 K-REACH

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Registration Types

01

Existing Chemicals

- Pre-registration - chemicals (>1 t/a) and pre-registered between 1 Jan 2019 to 30 Jun 2019
- Late Pre-registration - chemicals (>1 t/a) registered later than 1 Jul 2019
- Standard Registration - after pre-registration, can be completed during Grace Period

02

New Chemicals

- Simplified Registration - new chemicals with low imports (0.1-1 t/a) before 31 Dec 2019
- Standard Registration - new chemicals with imports >1 t/a or low imports later than 31 Dec 2019

03

Others

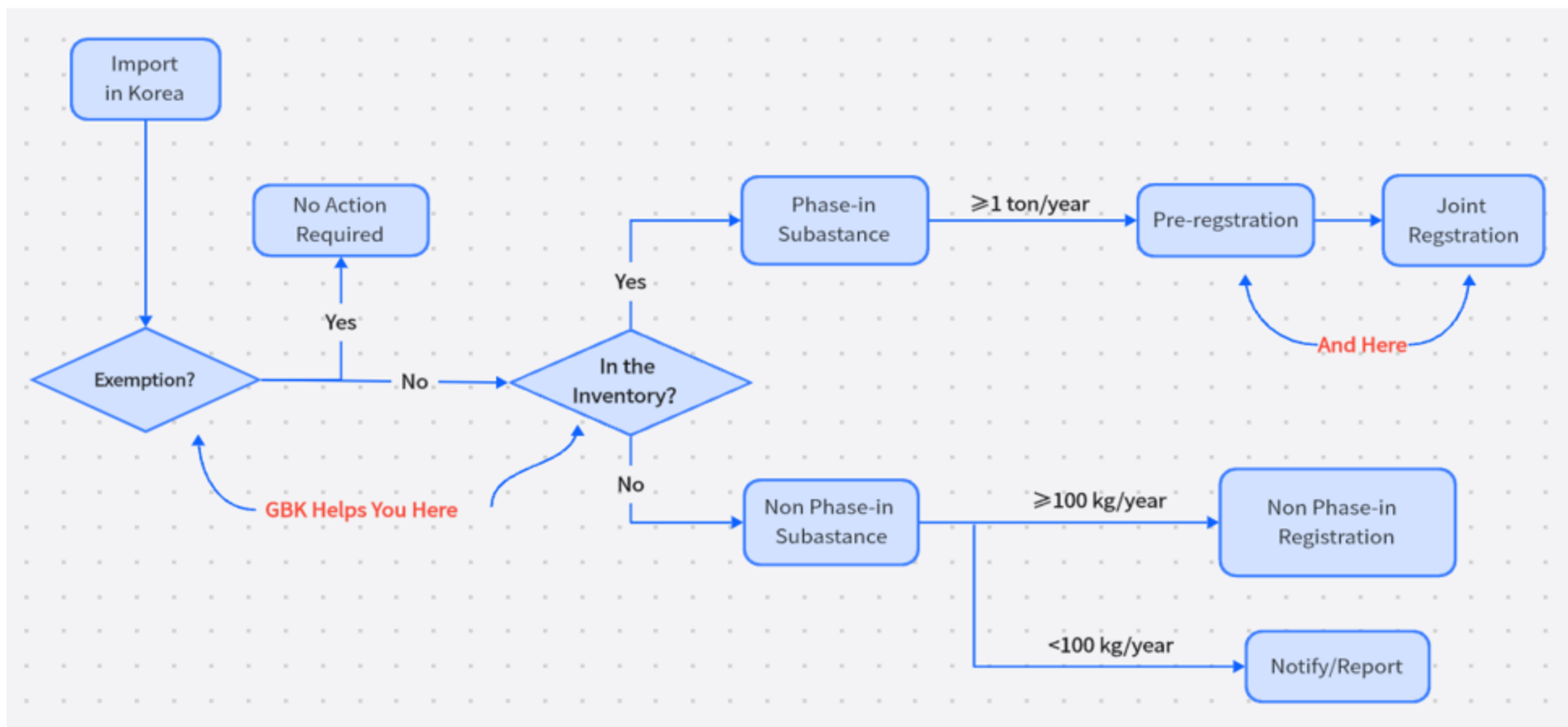
- Joint Registration - for some registration data, K-REACH requires joint submissions from applicants
- Polymer Registration - requires less data on the properties of the polymer



#03 K-REACH

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Korea Registration Flowchart



Of course, we can also provide you with consultation during the **whole process!**



#03 K-REACH

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Exemptions Scope

1. Chemicals manufactured or **imported for export only**
2. Chemicals used for **R&D purpose**
3. Polymer of low concern
4. Chemicals whose **surface have been treated**
5. Non-isolated intermediates
6. On-site isolated intermediates whose **outflow or leakage is blocked** by technical means

For new substances with import volumes <0.1 t/a and some new polymers, K-REACH requires **a declaration** rather than a registration



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