



GHS requirements and inspections in China



Cloris Pan

GHS project manager

Research Center – CIRS Group

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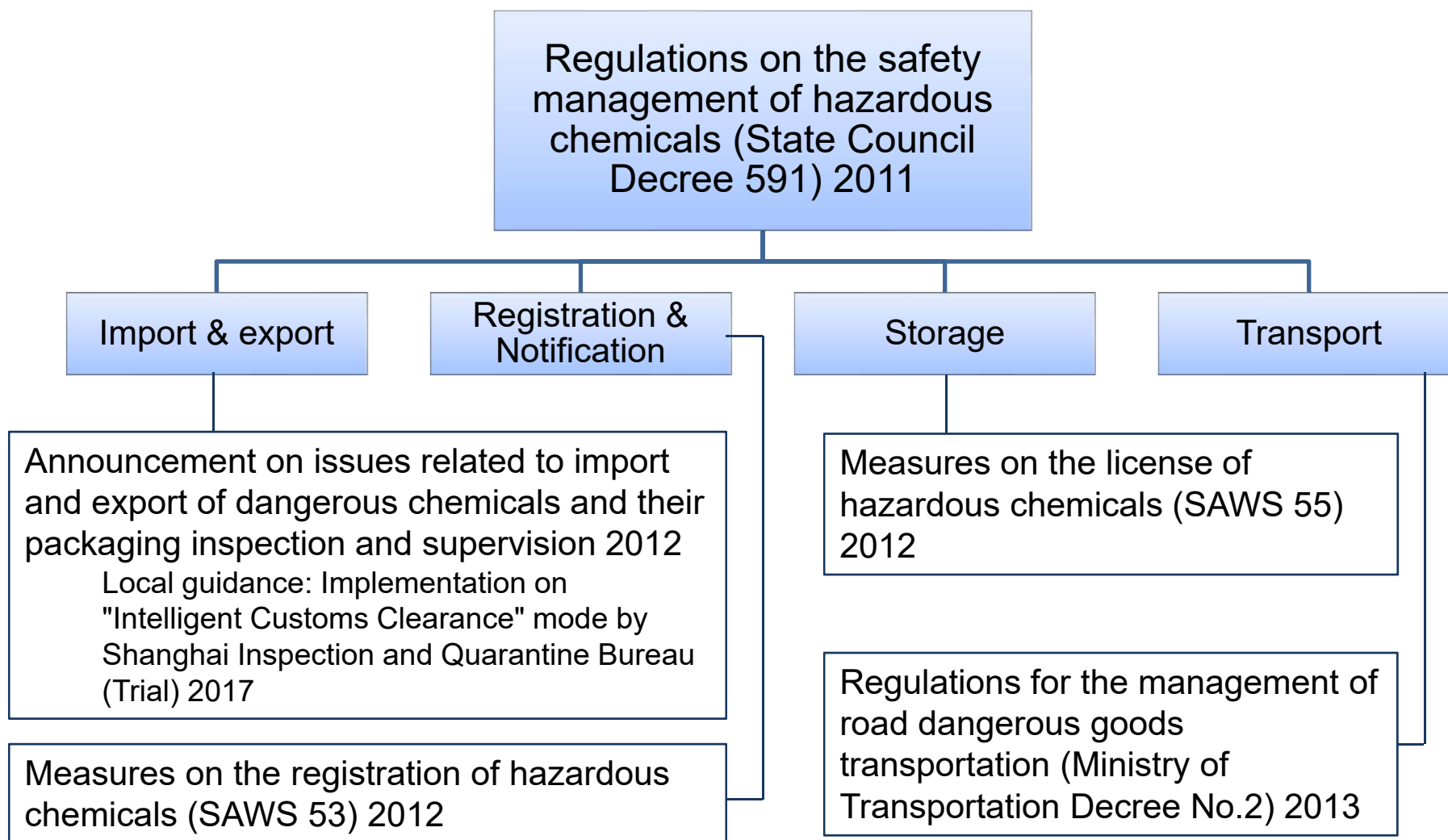
- Framework of hazardous chemicals legislation in China
- How to author SDS/label according to China standards
- Inspection status of SDS/label
- Case sharing

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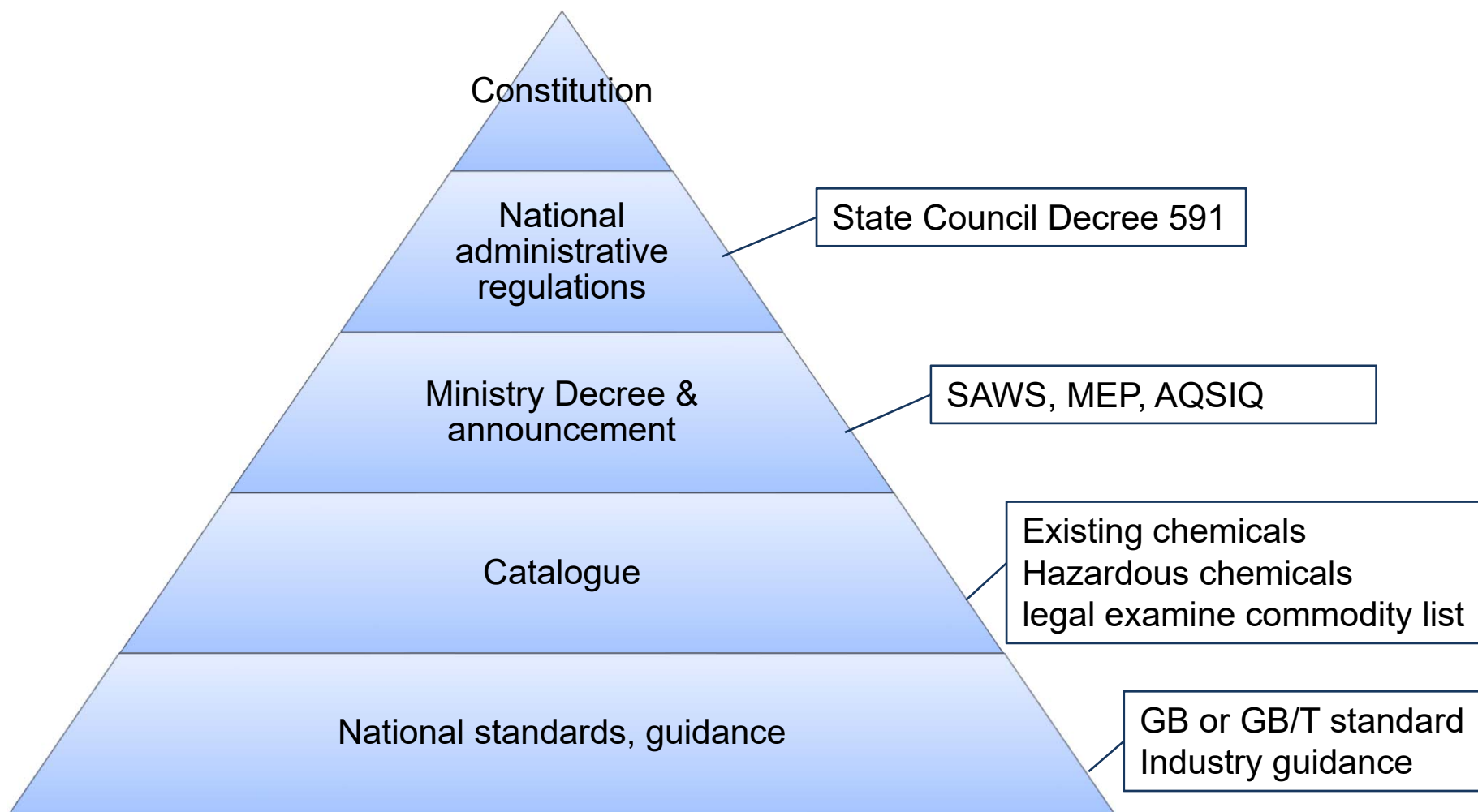


- **Framework of hazardous chemicals legislation in China**
- **How to author SDS/label according to China standards**
- **Inspection status of SDS/label**
- **Case sharing**

When will SDS/label be requested



Framework of legislations in China



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The national standard

Mandatory

GB 30000.2-29-2013: Rules for **classification** and labelling of chemicals

GB 15258-2009: General rules for preparation of precautionary **label** for chemicals

Advisory

GB/T 16483-2008: **SDS** for Chemical Products - Content and Order of Sections

GB/T 17519-2013: Guidance on the compilation of **safety data sheet** for chemical products

GB/T 32374-2015: Phrase and codification of chemical hazard statements

The SDS format and mandatory requirements

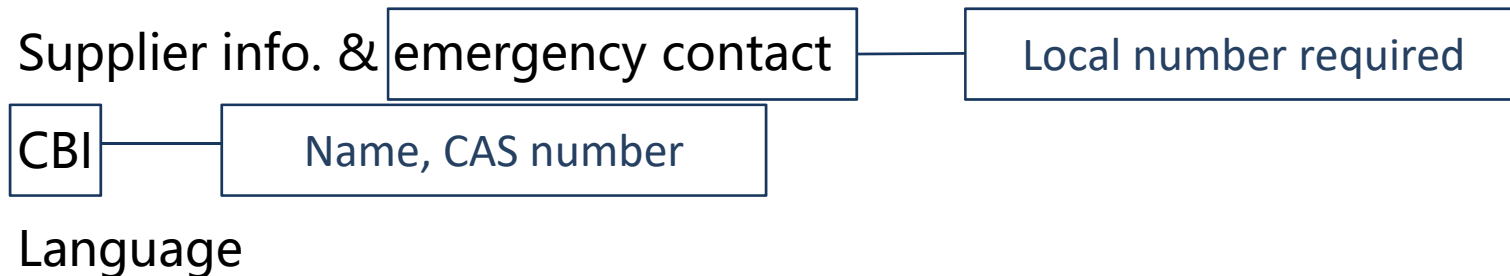
Classification:

The hazardous chemicals list (2015 ver. 2828 items)

Compulsory requirements for classification

Supplier can add more classification and/or upgrade the hazards which marked with <*> in the guidance of implementation of hazardous chemicals list

Contents:



The available database



Published books

Manual of hazardous chemicals inventory (SAWS, NRCC)

Compilation of Safety Data Sheet for hazardous chemicals ver3.0 (NRCC, SINOPEC, SKLSCC)



Links in Annex II of GB/T 17519-2013,

SDS 编写数据源 SDS data resource	第1部分	第2部分	第3部分	第4部分	第5部分	第6部分	第7部分	第8部分	第9部分	第10部分	第11部分	第12部分	第13部分	第14部分	第15部分	第16部分
Accelrys: (美国) 化学物质毒性效应登记数据库 Accelrys:Registry of Toxic Effects of Chemical Substances(RTECS) http://ccinfoweb.ccohs.ca/rtecs/search.html		✓					✓		✓							

The label elements requirements



Basic element of GHS + “Please refer to Safety Data Sheet” statement

化学品名称 A组分：40%；B组分：60%

危险

极易燃液体和蒸气，食入致死，对水生生物毒性非常大

【预防措施】：
远离热源、火花、明火、热表面。使用不产生火花的工具作业。
保持容器密闭。
采取防止静电措施，容器和接收设备接地、连接。
使用防爆电器、通风、照明及其他设备。
戴防护手套、防护眼镜、防护面罩。
操作后彻底清洗身体接触部位。
作业场所不得进食、饮水或吸烟。
禁止排入环境。

【事故响应】：
如皮肤（或头发）接触：立即脱掉所有被污染的衣服。用水冲洗皮肤、淋浴。
食入：催吐，立即就医。
收集泄漏物。
火灾时，使用干粉、泡沫、二氧化碳灭火。

【安全储存】：
在阴凉、通风良好处储存。
上锁保管。

【废弃处置】：
本品或其容器采用焚烧法处置。

请参阅化学品安全技术说明书
供应商：XXXXXXXXXXXXXXXXXXXX 电话：XXXXXX
地址：XXXXXXXXXXXXXXXXXXXX 传真：XXXXXX
化学事故应急咨询电话：XXXXXX

Product identifier

Signal Word

Pictogram

Hazard Statement

Precautionary Statement

“Please refer to Safety Data Sheet”

Supplier Information

The size requirements of GHS label



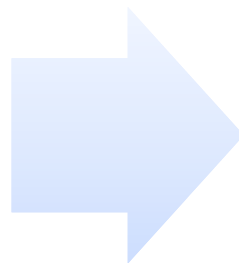
Container Capacity	Minimum Label Dimensions
$\leq 0.1L$	Simplified labels
$> 0.1 - \leq 3L$	$> 50 \times 75$ mm
$> 3 - \leq 50L$	$> 75 \times 100$ mm
$> 50 - \leq 500L$	$> 100 \times 150$ mm
$> 500 - \leq 1000L$	$> 150 \times 200$ mm
$> 1000L$	$> 200 \times 300$ mm

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AQSIQ Entry-Exit
Inspection and Quarantine



General Administration of
Customs (after April 2018)

The scope of products inspection



Regulations on the safety management of hazardous chemicals (State Council Decree 591) 2011

Inventory of hazardous chemicals(2015)

Inspection for all import & export hazardous chemicals and the packages

law on import and export commodity inspection and the relevant enforcement regulation

Catalogue of entry and exit commodities for inspection and quarantine

Packaging Inspection of Dangerous Goods for Export

Announcement on issues related to import and export of dangerous chemicals and their packaging inspection and supervision 2012

Safety, hygiene, health, environmental protection, fraud prevention and quality, quantity and weight etc.

The Safety requirements include,

- 1)The ingredients information, physical and chemical properties and hazard classes
- 2)GHS label and SDS(Chinese)

For DG packages, the inspections include the type, symbol, class, weight, etc.

The inspection process of exported chemicals



CIRS

Inspection at the place of origin

- Hazardous chemicals will be 100% on-site inspected and 100% sent to laboratory
- Performance test and use identification of DG packaging

Inspection at the port

- Based on the inspection at the original place, the DG listed in the “key inspection catalogue of export commodity” shall be randomly inspected (2.5% ratio)

The inspection process of imported chemicals



CIRS

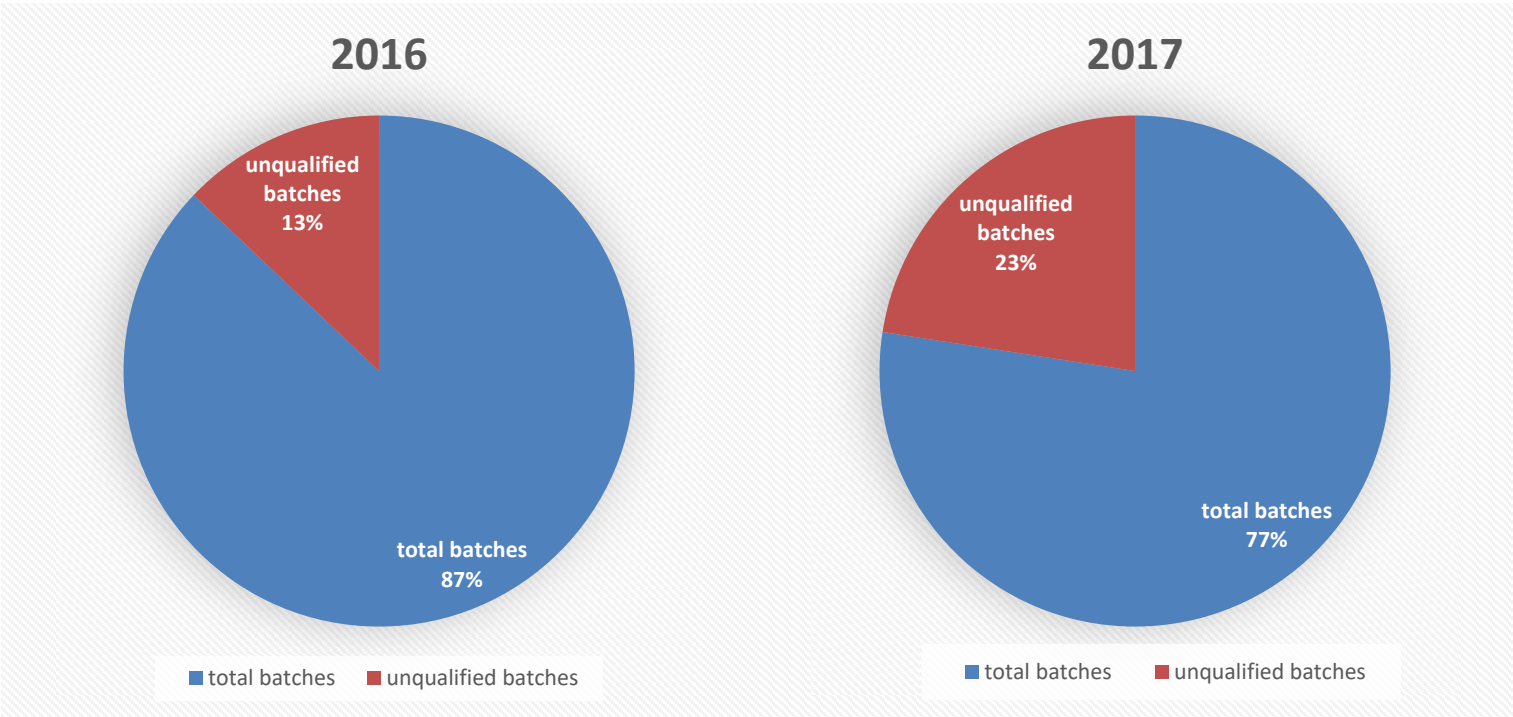
Inspection at port

- Performance test for imported DG.
- Hazardous chemicals which are not suitable for sampling at the port, shall be sent to the inspection agency at the destination, after general inspection.

Inspection at the destination

- Complete the inspection of hazardous chemicals

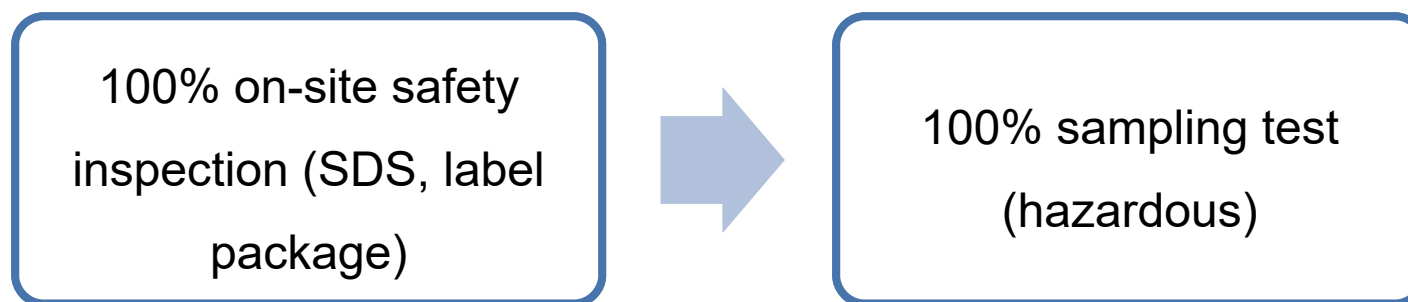
Unqualified amount(shanghai)



The inspection project at Shanghai Port



2018 work focus – Two “100%” inspections project.



For example, if a hazardous chemical is imported to Suzhou. It will go through the on-site safety inspection at Shanghai Port. After clearance, the Suzhou local bureau will take sample for further test.

Transition period: half a year in Shanghai

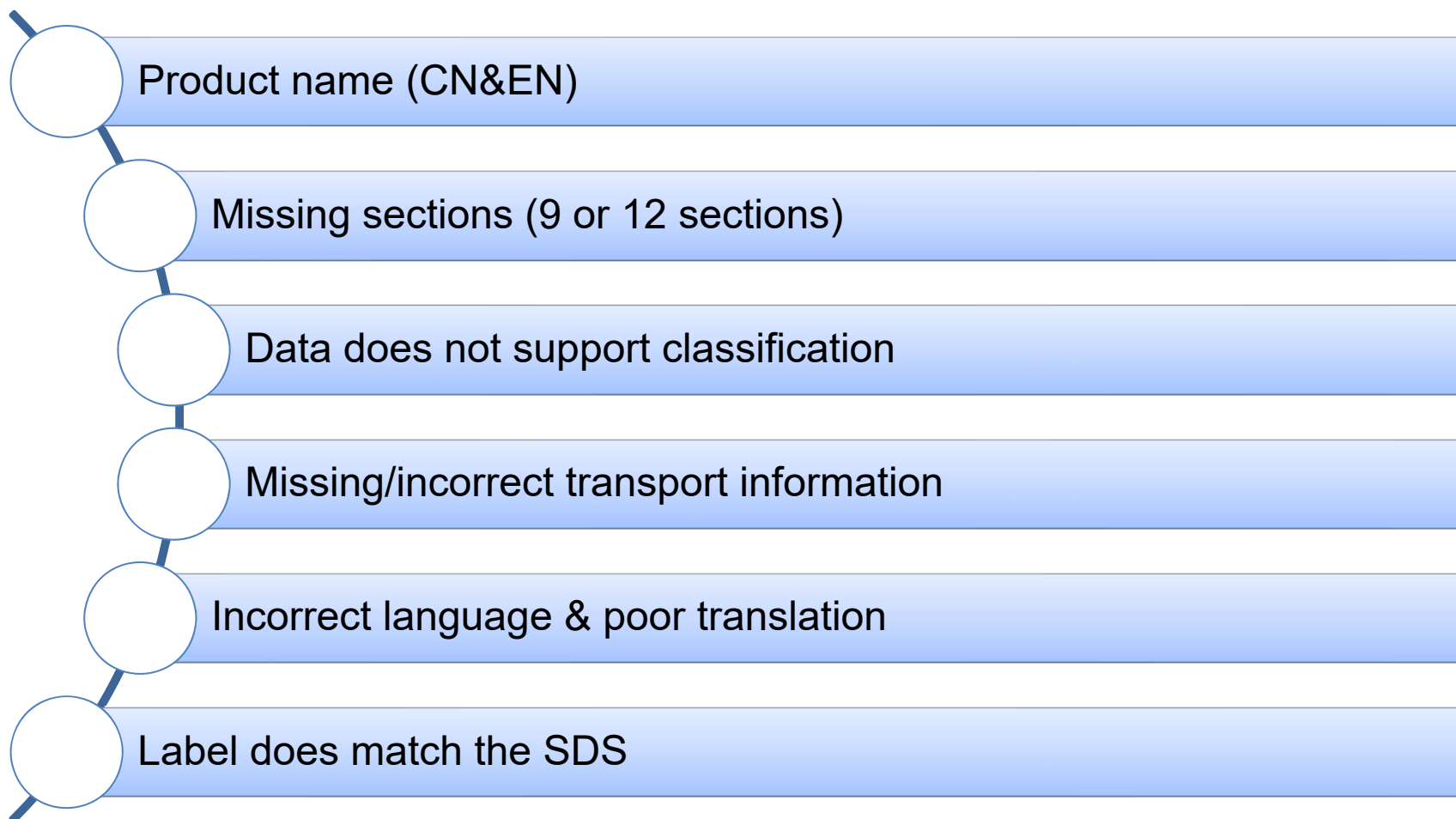
http://imi.shciq.gov.cn/xwzs/zxdt/201803/t20180328_80795.html

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Common unqualified cases – documents



Unqualified cases – UN packaging



TDG transported as normal goods

Undeclared imported hazardous chemicals

Damaged UN packaging

Incorrect UN packaging



Classification according to GB30000

- H225, H315, H319, H335, H336, H411

Comments from CIQ regarding its GHS label

- H222 and H229 shall be added because the product is packed in cylinder.

Problem

- The H222 and H229 do not match the actual situation of the product. If modified, the transportation also need to be changed. It will affect a series of similar products.

Solution

- provide the detailed information about the product package, explaining no pressure is applied in the package.

Thank You!



CIRS

Address: 11F, Dong Guan hi-tech park, 288 Qiuyi Rd, Binjiang, Hangzhou
Zip code: 310052
Tel: 4006 721 722
E-mail: Info@cirs-group.com

Abbreviation



SAWS: State Administration of Work Safety

NRCC: National registration center of chemicals

MEP: Ministry of Environmental Protection

AQSIQ: Administration of Quality Supervision, inspection
and Quarantine

SKLSCC: State Key Laboratory of Safety and Control for
Chemicals