



Chemical Business Association

The Voice of the Chemical Supply Chain



www.chemical.org.uk



CLP vs ADR



About me

- Over a 20 year Logistics career I have worked in various logistics operations which includes, 3PL – High Tier Comah warehousing, Stock Inventory , Domestic UK Logistics for 8 years, with further two years in ISO tanks. Before joining the Chemical Business Association I spent the last 10 years working in European Road Freight amassing a wealth of Customs Knowledge over the last two years.
- I joined the Chemical Business Association – Technical Team , as Supply Chain Lead. Logistics is becoming an increasing important part of the Chemical Supply Chain for its member and will strengthen the Associations support to its members.



About the CBA and how we can assist you

Access to advice and assistance - All employees of member companies have free access to advice and assistance on technical, commercial, legislative, and environmental issues. The Chemical Business Association has an enviable reputation for providing prompt, expert advice on.

1. **Helpdesk** for specific enquires – Members phone or email (helpdesk@chemical.org.uk) with their questions. Most questions are answered the same day, but for more involved queries our team of full time staff research the answer before responding. Some questions also involve our staff contacting government departments or other agencies for clarification. All questions to us are kept in strictest confidence unless permission is given.
2. **Update** – our monthly technical e-bulletin, keeping members informed of the latest changes to legislation, and those in the pipeline.
3. **Outlook** – our monthly business e- bulletin, where we keep members up to date on business issues.
4. **Membership Engagement Days.** – [Designed to appeal everyone in your organisation and run three times a year. The morning talks cover a variety of topics. They are not only aimed at letting you know what we have been doing to support your business but also covering other hot topics of interest at that time. The afternoon session updates members on changes to legislation and discusses issues that may arise, and how they are working practically.](#)
5. **Online Clinics** – Short webinars to help support members on topics of current interest.
6. **Best Practice Workshops** – Webinars to offer best practice information on a range of topics
7. **Member Briefings** – For issues requiring members to take immediate action our COE, Tim Doggett will send a specific briefing to all our member companies.

Classification Systems and their Scopes

CLP/GHS



ADR, IMDG & IATA



What Regulations are Applicable?

Incoming
Goods



ADR

Blending and
Storage



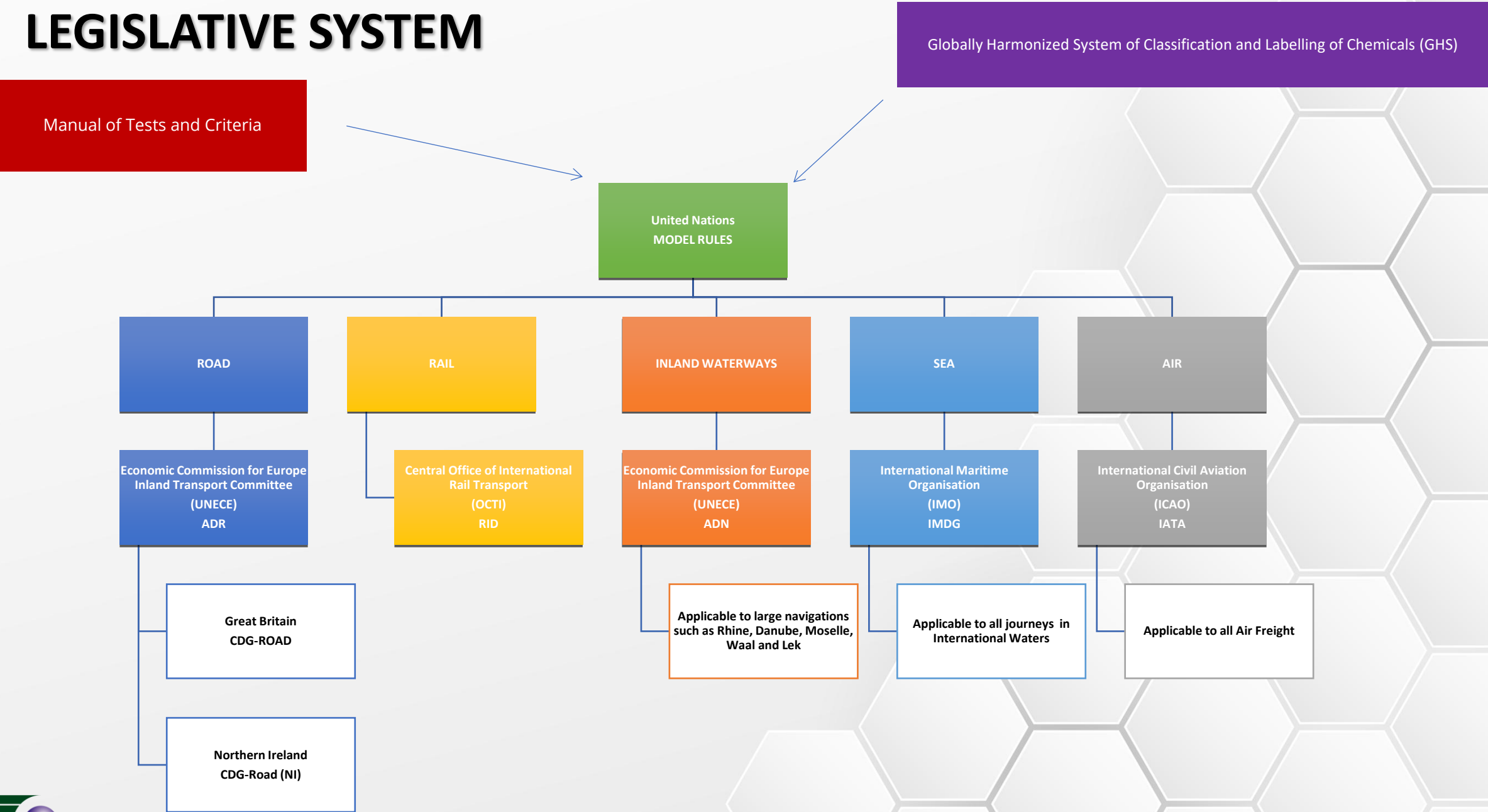
Health and
Safety

Out Going
Goods



ADR

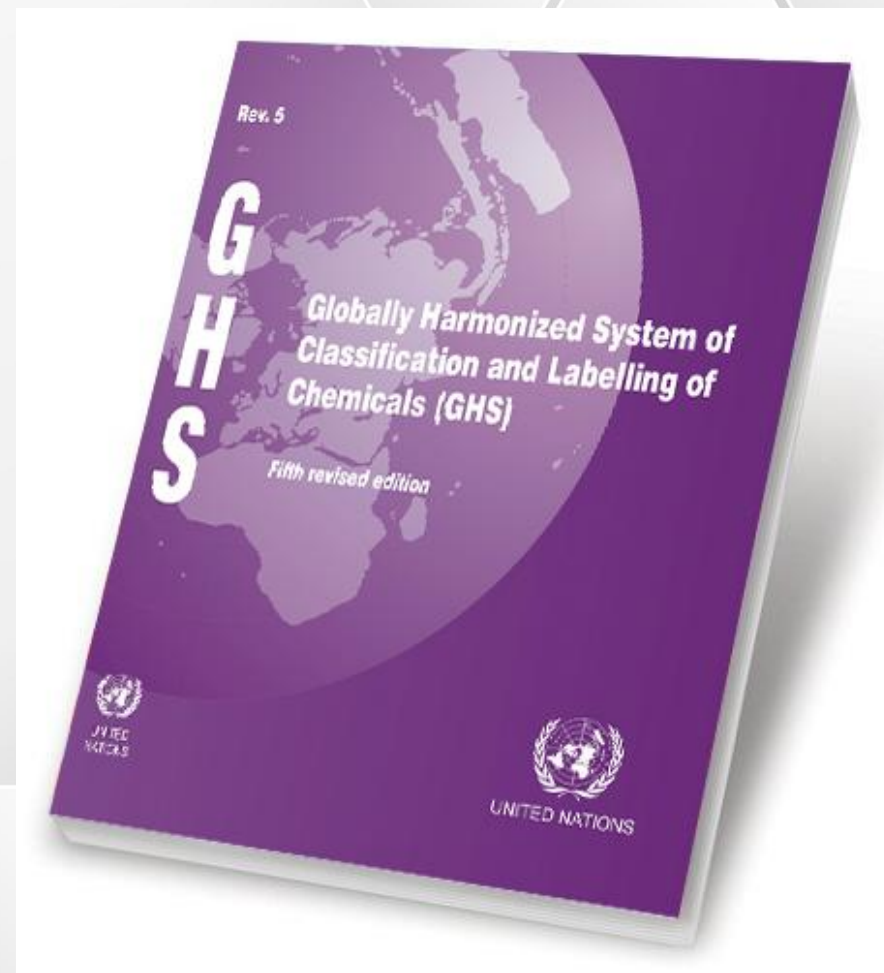
LEGISLATIVE SYSTEM



UN Global System Launched

PURPLE BOOK

- First edition of the GHS
 - adopted in December 2002
 - published in 2003.



GHS – What does it cover?

Classification

Labelling

Packaging

Safety Data Sheets

Consumer requirements

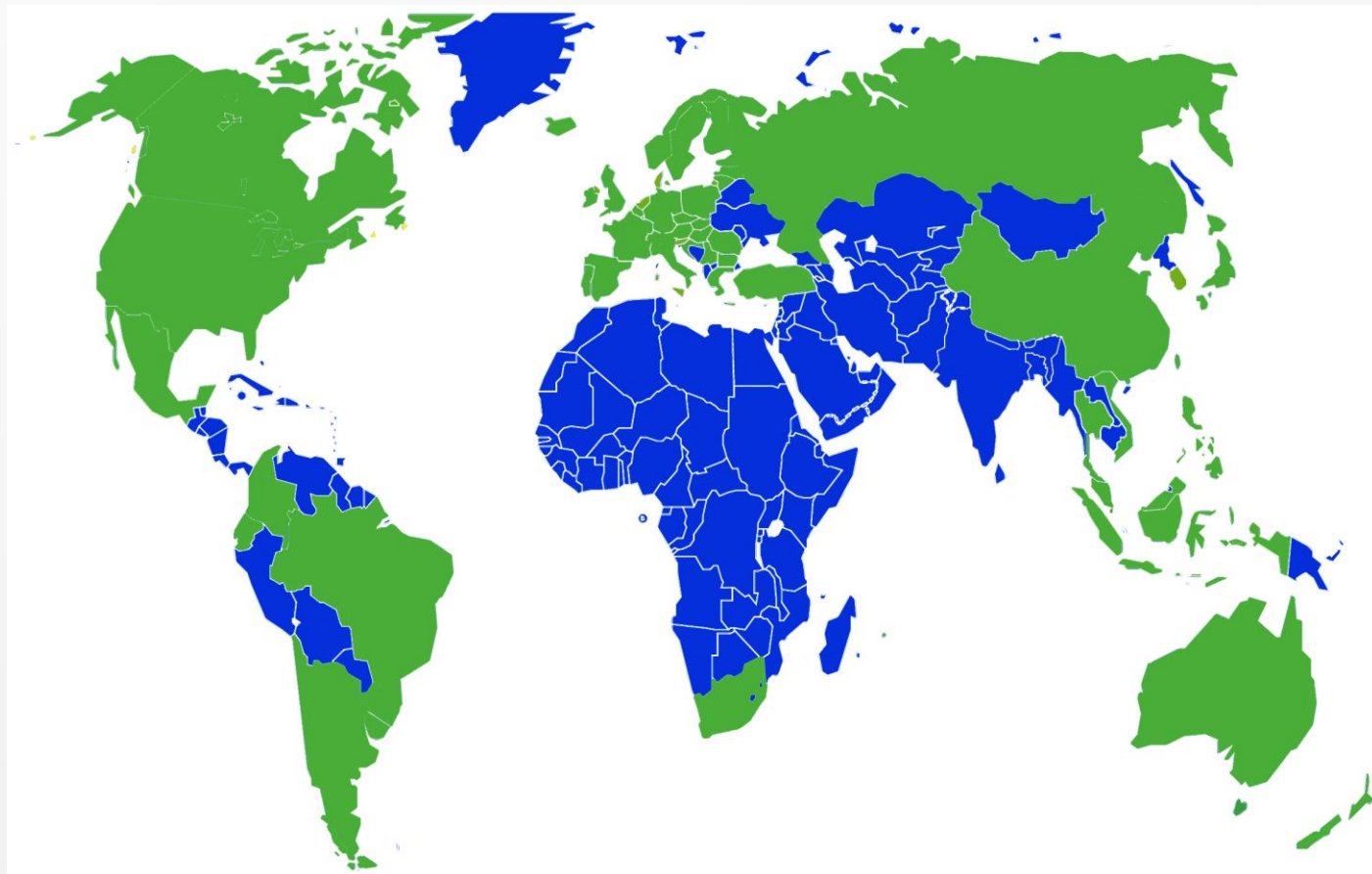
Test methods



Principles

- Identify the hazards (dangers) of the chemical
 - This is known as 'classification';
- give information about the hazards to their customers
 - Suppliers usually provide this information on the package itself (eg a label) and,
 - if supplied for use at work, in a safety data sheet (SDS);
- package the chemical safely

Global Picture



KEY

Countries/regions that have already implemented GHS

Countries/regions where GHS is voluntary

Countries/regions that are in the process of implementing GHS

Countries/regions where GHS is not implemented or not available

A word of caution

ALL THINGS ARE NOT EQUAL!

- GHS/CLP is more conservative
 - Classifications are changing
 - Some GHS/CLP pictograms cover multiple transport classes
 - Not everything in GHS/CLP is applicable to transport



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RISK PROFILES DIFFER

- Transport
 - Low potential for exposure in normal conditions
 - Sealed packages carried from A to B
- CLP
 - Potential for regular exposure to substance
 - Opening packages



ADR – What does it cover?



Classification



Packaging



Labelling



Documentation



Multimodal
aspects



Enforcement &
Security



GHS – What does it cover?

Classification

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Label Variations



TRANSPORT

- Standard size
 - 100mm x 100mm
- Multi-coloured



SUPPLY

- 1/15th Area of label
 - 10mm x 10mm to 46mm x 46mm
- Red and white

One pictogram – morphs into a number of labels for Transport



Not all hazards of CLP are applicable to transport

CLP ONLY



Carcinogenic,
Mutagenic,
Reproductive Toxicity

Serious eye damage /
eye irritation



Ozone Depletion



Not all hazards of CLP are applicable to transport

CLP ONLY



Specific Target Organ Toxicity (SE)

- Single exposure

Specific Target Organ Toxicity (RE)

- Repeated exposure



Aspiration



Any Questions

