



- · Annex 1 in overview
- Defining installations and chemicals
- · Annex I Two parts
- Part I Categories of substances
- · Part II Named Substances
- · Useful information





Annex I In overview

- •Annex I is: List of hazardous substances with threshold quantity's
- •Industrial accidents in an installation or during transport
- •Hazardous due to physical, chemical, toxicological properties
- •Require special storage, producing, or processing conditions

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Defining installations and chemicals

- Including all installations: storage, production, loading, distribution
- Including all chemicals: raw materials, intermediates, byproducts, finished products, substances built during chemical reactions
- Depends on maximum capacity for all installations

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Annex I Two parts

· Two parts with thresholds:

o Part I: Categories of substances

for example: Flammable

o Part II: Named Substances

for example: Chlorine

Installations at or above threshold are defined as hazardous activities

 If substance falls both Part I and Part II, threshold in Part II to be used

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Part I Categories of substances

	Category		Threshold (tons)		Example
	1	Flammable	50,000		Butanol
	2	Highly flammable	200/50.000		Ethanol
	3	Extremely flammable	50		Dietylether
	4	Toxic	200		Parathion
	5	Very toxic	20		Potassium cyanide
	6	Oxidizing 6	200		Sodium nitrate
	7	Explosive	50/200	ds.	TNT
	8	Dangerous for the environmen	t 200/500	4III)	Perchloorethylene

Note: categories 3, 4, 5 and 8 play an important role for the location criteria for the water path

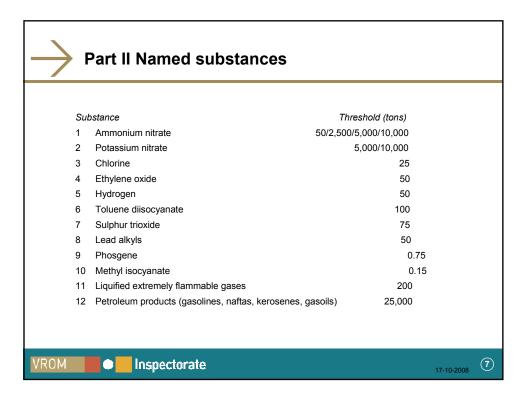
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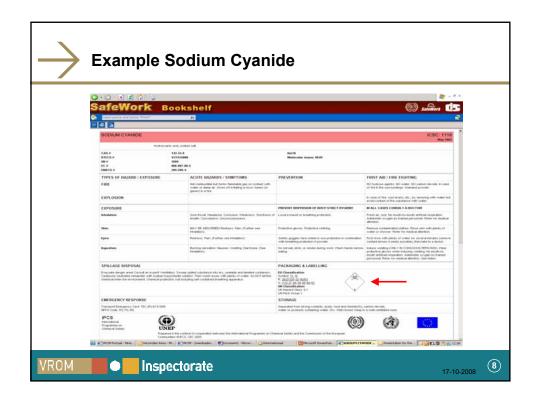


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Useful information

Industrial Accidents convention Annex I

www.unece.org/env/teia/doc/ANNEX-I/AnnexIENG.pdf

International Chemical Safety Cards (MSDS)

http://www.ilo.org/safework_bookshelf/english

Seveso EU Directive 96/82/EC en 2003/105/EC Annex I ADR

http://www.unece.org/trans/danger/publi/adr/adr_e.html

Chemfinder

http://chemfinder.cambridgesoft.com

National information

- National registers (Seveso, IPPC)
- National legislation





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