



REACH

The new European substances legislation



REACH

REGISTRATION

EVALUATION

AUTHORIZATION of

CHEMICALS

Chemicals can only be produced (used) if there is sufficient information available about its property (physical, toxicity, environmental influence etcetera). REACH makes industry bear most responsibilities to manage the risks posed by chemicals and provide appropriate safety information to their users.

Consumer associations and environmental organizations demand clarity about the dangers and risks of chemicals for man and environment.

The European Union takes into account this demand and made up the REACH regulation (1907/2006/EC).



- ✂ Improve the protection of human health and the environment from the risks that can be posed by chemicals.
- ✂ Enhance the competitiveness of the EU chemicals industry, a key sector for the economy of the EU.
- ✂ Promote alternative methods for the assessment of hazards of substances.
- ✂ Ensure the free circulation of substances on the internal market of the European Union.

Substances are “pure” raw materials that can be described by a CAS or EINECS number.



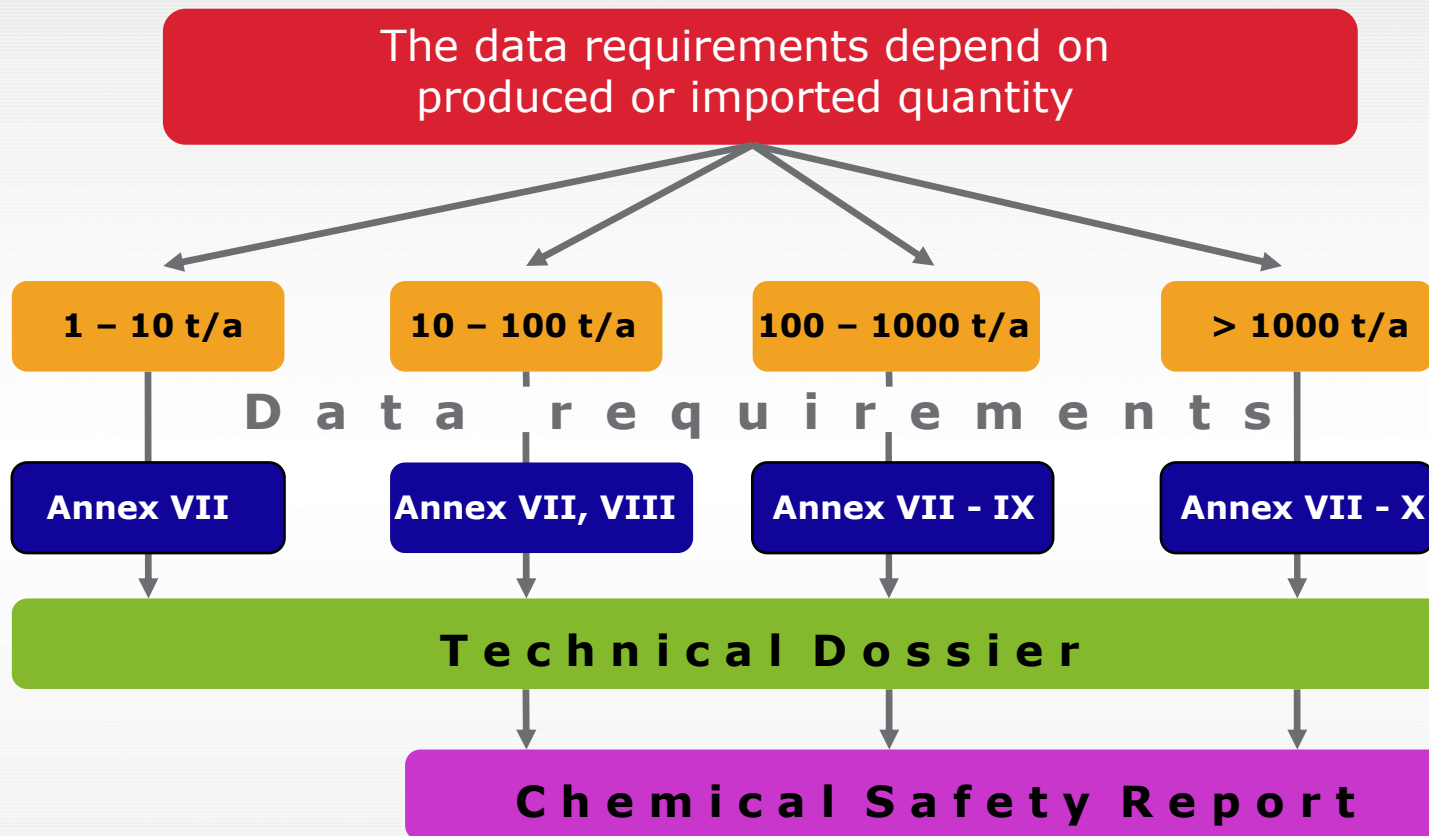
REACH refers **not** to:

- * preparations, but certainly to the “pure” raw materials of these preparations;
- * substances that comply with the definition of polymers;
- * some well defined naturally occurring substances.

Pre-registration

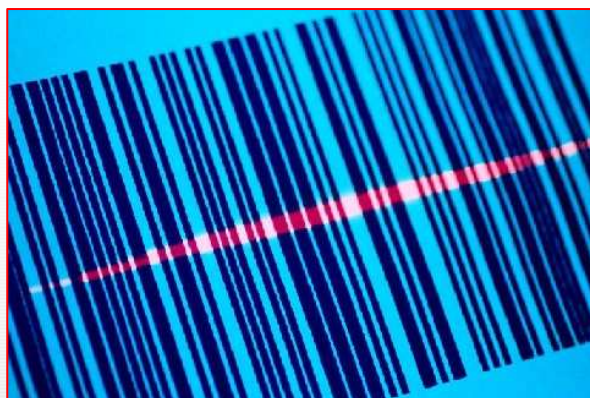
- Gather relevant substance specific information:
physical-, toxicological- and ecotoxicological properties and intended use.
- Compile Chemical Safety Report:
exposure scenario, chemical safety assessment and additional tests.
- Evaluation by European Chemical Agency (ECHA).





When a substance is evaluated by ECHA and there are no unacceptable risks, this substance may officially be produced and used for the application as described by the registration.

**The substance is registered and gets
a registration number.**



- 1 June 2007 : The REACH regulation comes into force
- 1 June 2008 : Start pre-registration
- 30 November 2008 : End of pre-registration
- 30 November 2010 : Registration of:
- CMR category 1+2 (> 1 T/Y)
 - R50/53 substances (>100 T/Y)
 - Substances (>1000 T/Y)
- 31 May 2013 : Registration of:
- Substances (100-1000 T/Y)
- 31 May 2018 : Registration of:
- Substances (1-100 T/Y)



At the moment there are at least 8 countries / regions with comparable substance legislation:

United States	: TSCA	Korea	: KECI
Canada	: DSL/ NDSL	Philippines	: PICCS
Australia	: AICS	China	: IECSC
Japan	: MITI	New Zealand	: ERMA

Most of the products TANATEX Chemicals delivers to its customers are preparations of several substances.

REACH regulation is not applicable to preparations, however preparations may only consist of substances that are registered under REACH.

If a substance is not registered it may not be produced and can not be used in preparations.

The last substances will be registered in May 2018. Only after that date we can state that all our preparations consist of registered substances.

New demands on the Material Safety Data Sheet and labeling.

01-07-2007 : The MSDS has to comply with REACH: chapter 2 and 3 of the MSDS will be reversed (Paragraph 32) when the MSDS is actualized.

2008-2009 : The current regulation will be replaced by the GHS (Global Harmonized System).

From 2010 : The Chemical Safety Report will become part of the MSDS when the MSDS is actualized (only for products classified as hazardous).



**All MSDS for existing products are still valid until the end of 2010.
The requirements regarding the contents of the existing
MSDS comply with the requirements in the REACH regulation.**

TANATEX has to pre-register and register:

- ✂ all substances that are produced on our sites.
- ✂ (raw) materials that we import from outside the EU.



Besides this, we have asked our suppliers if they are going to (pre)register their products (substances) for the applications we support.

We will inform our customers for which intended use we shall register our chemical products. If this deviates from their use they have to inform us so we can also support this intended use in the Chemical Safety Report.

**REACH is a cooperation between supplier,
producer and customer!**

The responsibility lies with everyone.

- ✘ REACH refers to substances and not to products. Products shall not be registered within REACH and therefore do not receive a REACH registration number.
- ✘ TANATEX has pre-registered all relevant substances manufactured in - or imported to - the EU under REACH.
- ✘ TANATEX has asked all its suppliers of REACH relevant substances to confirm the pre-registration their substances.
- ✘ In principle our current product portfolio for the current applications will be maintained.

Our Quality, Health, Environment and Safety Department will ensure that all deadlines and requirements are fulfilled.

Questions?

Contact our REACH-team at hse@tanatexchemicals.com

