

Algae as a Feedstock for Chemicals

REACH

In the EU Chemicals are regulated by Regulation (EC) No 1907/2006 (concerning the **Registration, Evaluation, Authorisation & restriction of CHemicals: REACH**)

REACH is one of the most extensive EU environmental laws and it places several main requirements on producers, users and importers of chemicals:

- Any chemical substance of a 1 tonne or more that is manufactured or imported into the EU requires registering with the European Chemicals Agency (ECHA) in Finland;
- As part of the registration process, a dossier containing information on the safe use of the substance must be submitted;
- High risk substances cannot be used until an authorisation is granted;
- Where substances present a risk, manufacturers should seek to replace them with lower risk alternatives.

Labelling and Packing

All chemicals produced and marketed in the EU must be classified, labelled and packaged according to rules established by the **CLP Regulation (EC) No 1272/2008**.

The CLP Regulation differs from REACH in that it compels that manufacturers and importers of certain chemicals must notify the ECHA about their classification and labelling. Details are then entered into an ECHA Classification and Labelling Inventory.

Two types of chemicals must be registered with the Inventory: hazardous substances and non-hazardous substances already registered under REACH. Procedures for registration are available from the ECHA.

Regulations for Specific Products

Cosmetics

EU Regulation 1223/2009 (Cosmetics Regulation) is in force. It strengthens the safety of cosmetic products and streamlines the framework for all operators in the sector.

Fertilisers

EC Regulation 2003/2003

This Regulation defines the composition and definition of all fertilisers, which have been approved as EC Designated fertilisers. All EC Designated fertilisers can be traded freely within the EU6