

Health, Safety and Environmental Policy Jungbunzlauer Group

Responsibilities

Jungbunzlauer is a leading producer of ingredients and additives mainly for the food, beverage, detergent, pharmaceutical and cosmetic industries. Our products are made by the natural processes of fermentation based on renewable carbohydrate raw materials. Our products are readily biodegradable and ecologically safe. The vast majority of our by-products are processed and sold to the construction, feed and agriculture industry or are used to produce biogas.

All Jungbunzlauer production sites are operated in compliance with relevant national laws and regulations concerning occupational health and safety, and protection of the environment. All subsidiaries of the Jungbunzlauer Group working closely together with corresponding authorities.

The Jungbunzlauer Group takes responsibility for the safety and the health of its employees and for the protection of the environment and its natural resources. Therefore, all Jungbunzlauer production sites adhere to the Responsible Care® program to improve health, safety, and environmental performance. In addition, our production site in Germany is certified according to ISO 14001 environment management standard.

We strive to raise environmental awareness among all of our employees and to promote environmental sustainability throughout the whole organisation. Furthermore, we would like to project a positive image as an environmentally conscious company to the outside world.

Jungbunzlauer continuously works to reduce the greenhouse gas emissions of its production sites. Using state-of-the-art technologies, back integration and advanced processes we steadily work to decrease the carbon footprint of our products as well. We have invested in power saving programmes that have resulted in a substantial reduction of energy consumption per production unit.

Jungbunzlauer invests in water-saving projects and is constantly seeking to improve these processes to maximise the re-use of water. We operate state-of-the-art wastewater treatment plants. Furthermore, we strive for an ongoing reduction of waste and for optimal recycling of waste-flows.

Jungbunzlauer Group issues this policy as a guideline for the management of affiliated companies. It is the responsibility of the management of the subsidiaries to take care of the implementation of this policy, always adapted to the local circumstances.

Objective targets

- Health, safety and environmental standards and performance shall be continuously improved.
- All operations shall be organised in a way to reduce the health and safety risks of employees to a possible minimum.
- Jungbunzlauer strives for continuous improvement in safety and health protection of its employees.
- Safety and ecological compatibility of packaging and transportation shall be continuously considered.
- Jungbunzlauer aims to reduce the consumption of energy, water, raw material and other sensitive inputs.

- An ongoing reduction of emissions shall be considered.
- Jungbunzlauer strives for an ongoing reduction of waste and for optimal recycling of waste-flows. If economically possible, as much substance as possible shall be converted into useful by-products.
- All processes shall be organized in a way that the hazards for the natural environment as well as for the neighbouring communities are reduced to a minimum.
- Jungbunzlauer strives to develop, explore and implement useful measures to reduce the environmental impact of our products and stimulate environmental sustainability.

Implementation

All subsidiaries of the Jungbunzlauer Group shall take the necessary steps in order to achieve the objectives defined above. These steps are the following (amongst others):

- Setting of clear and binding standards
- Motivation, information and training of employees
- Risk analyses and assessments of plants, processes and projects
- Assessment of workplace hygiene and sanitation, safety of machines, fire safety and exposure to chemicals, dust, heat, cold, noise etc.
- Inclusions of information on performance compared to standards in the standard reporting procedures
- Reporting and analysis of accidents, and countermeasures where feasible and possible
- Continuous monitoring of safety, health and environmental performance
- Emergency management plan

This policy has been issued by the Management Committee and by all Jungbunzlauer companies. Compliance with these policy guidelines shall be regularly audited but at least every five years or when required.