

Living up to responsibility – assuring sustainability

Sustainable action is integral part of BODE Chemie's company culture. Hence, Health, Safety and Environmental (HSE) management plays a key role in the Disinfection business unit. And any improvement of working and manufacturing processes is based on the three cornerstones of economic, ecological and social sustainability.

From logistics, product development to staff: BODE Chemie accepts its responsibility to conserve resources, protect the environment and offer its employees best working conditions.

All of the company's operational processes are subject to an integrated management system at highest international level.

Saving resources – protecting the environment

Efficient use of materials

By reducing the weight of the 475, 500 and 1000-ml PE bottles for all colourant and fragrance-free Sterillium products and of the 500-ml bottles for instrument disinfectants BODE Chemie saves more than 83 tons of resources for the production of plastics. This equals a reduction in bottle weight by 25 per cent – without compromising the bottles' durability and stability.

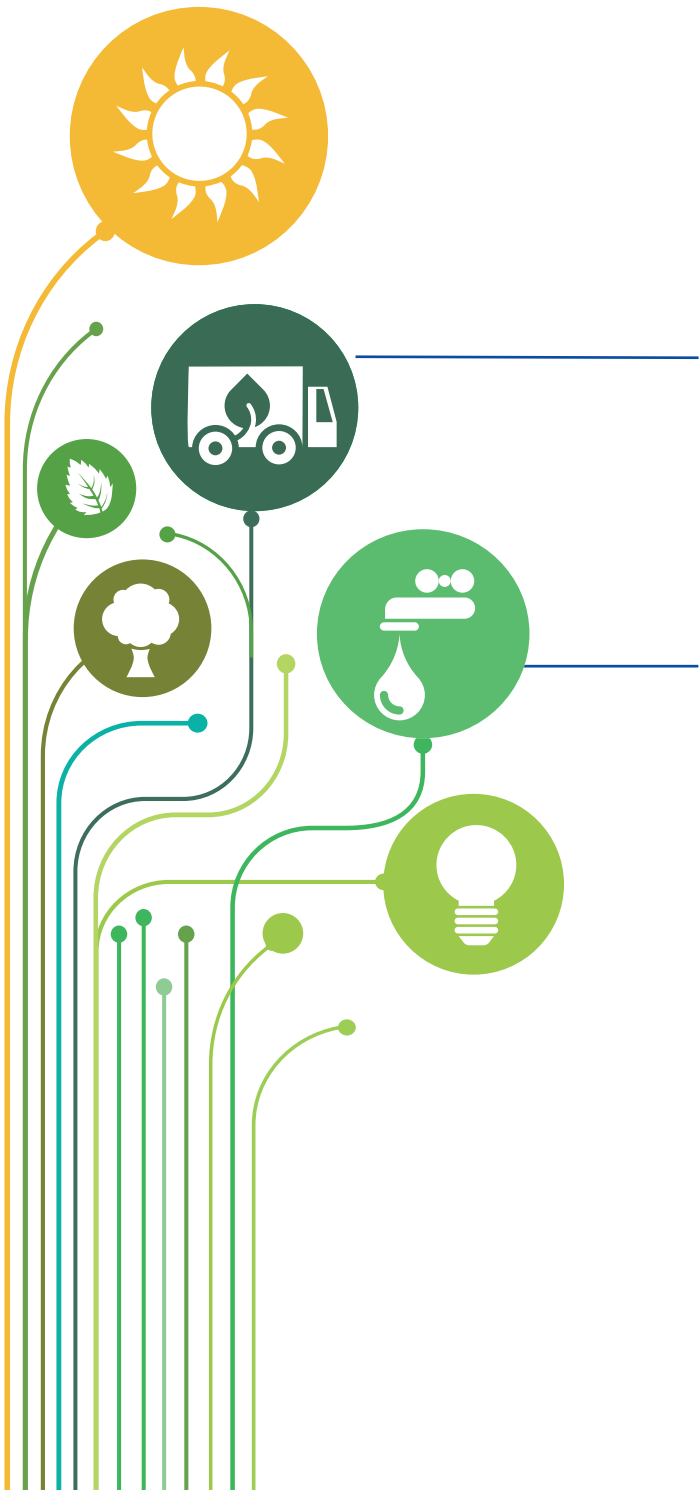
Reduction of energy and raw material consumption

Thanks to the modifications to its production BODE Chemie conserves valuable oil resources and, additionally, improves the Eco balance. Less consumption of resources also means less material supplies, additionally reducing fuel consumption. Another environmental benefit: by optimising the compressed air system of the Sterillium filling line the energy demand has dropped by 300 000 kWh and the CO₂ emissions by approx. 16 t per year.

Contribution to climate protection

With its savings in transportation, material consumption and energy demand, BODE Chemie actively contributes to climatic protection. Also the production of the thinner bottles brings down energy consumption and associated CO₂ emissions. The rule of thumb: 100 kg less weight save 5 g of CO₂.





Optimisation of transportation and logistics

BODE Chemie has been able to considerably improve its transportation and logistics processes by transferring delivery control and booking of trading and laboratory goods to its logistics partner. This reorganisation requires 500 less shuttles and reduces the CO₂ emissions by more than 77 000 kg per year.

Reduction of waste water

By optimising planning and implementation of the manufacturing process BODE Chemie considerably reduced the consumption of rinsing water and the amount of waste water: as many as 40 000 l of waste water are saved per year which otherwise would need to be prepared. Thus, BODE Chemie makes a valuable contribution to the protection of resources.



BODE engages in Responsible Care, an initiative of the International Council of Chemical Associations (ICCA). Thus, BODE commits to a management system approach following the Plan-Do-Check-Act model and declares its support for safe and ecological technologies and procedures, respectively as well as for the external certification of its management systems.



Certified quality and safety

BODE Chemie develops, produces and distributes brands coming with reliable quality and great benefits for the user. Its products are classified into several categories and, with regard to development, production, license to market and post-marketing surveillance, come under the following legal definitions:

Medicinal products 2001/83/EC and amds.:

hand and skin antiseptics.

Cosmetics (EC) No 1223/2009 and amds.:

wash lotions and skincare products.

Medical devices 93/42/EC and amds.:

cleaners and disinfectants for reprocessing medical devices.

Biocidal products (EU) No 528/2012 and amds.:

disinfectants which are not used in humans or medical devices.

Integrated management system

Both products and the management system are certified to several international standards:

- Production in accordance with the German Medicines Act (AMG) and Good Manufacturing Practices (GMP).
- Quality management in accordance with ISO 9001 and the more extensive ISO 13485 taking into account the specific demands for medical devices
- Quality assurance for medical devices in accordance with Directive 93/42/EC Annex II (CE marking)
- Integrated environmental management system in accordance with ISO 14001
- Proof of enhanced safety and simplified customs in international trade in accordance with AEO certificate



Supported by comprehensive proofs of efficacy and scientific-based research and development, our hygiene and disinfection products ensure best possible quality. **BODE SCIENCE CENTER. Research for infection protection.**



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