

Professional product solutions
for perfect cleaning, maintenance
and hygiene

KIEHL
die saubere Lösung

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for perfect cleaning, maintenance
and hygiene

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Cleaning and
maintenance products
for professional
building cleaning

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Cleaning and maintenance
products for professional
vehicle cleaning

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KIEHL Group guidelines and commitments concerning the environment and energy

- ▲ We are committed to protecting nature and our environment.
- ▲ We design our products, so that they have as little impact on the environment and resources as possible, throughout their life cycle (including transport, use and disposal).
- ▲ We have committed ourselves to keep the environmental impact and energy consumption of our products, production, transport and services as low as possible.
- ▲ We teach our employees about environmental protection and energy consumption, on a regular basis.

These are the environmental principles
that underlie our professional
behaviour.



Certified according to

EN ISO 14001
(Environment management)

EN ISO 50001
(Energy management)

EN ISO 9001
(Quality management)

EN ISO 45001
(Occupational safety management)

02/2022/1/www.sommer-partner.de

www.kiehl-group.com

Lots of KIEHL products have been awarded an environmental label

Here are some examples:



EU Ecolabel:
DE/020/390



Econa-Concentrate



5013 0101

107 ECOMAX Shampoo



www.blauer-engel.de/uz12a

Kiehl-Legnodur-satina



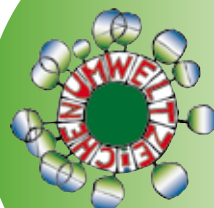
5026 0210

Duocit-eco balance



EU Ecolabel:
DE/006/039

ARENAS-eco



UW 1233
Li-Ex-eco



EU Ecolabel:
DE/038/060

ARCANDIS-Eco



EU Ecolabel:
DE/015/018

ARCANDIS-EcoTab



Dosing systems and dosing technology for environmentally friendly consumption

▲ Our extensive range of appropriate dosage technology avoids incorrect dosages, which harm the environment – from practical sachets, to the legendary bottle with a dosage cap made from lightweight plastic – to the intelligent digital dosage system with online access for customers and service technicians.



At KIEHL, a considerate approach towards nature, the gentle treatment of our ...

Logistics, employee vehicle fleet

- ▲ The modern truck fleet helps to reduce emissions.
 - ▲ Foresighted truck vehicle deployment reduces unnecessary journeys and unloaded trips.
- ▲ Wherever possible, we avoid the use of fossil fuels, e.g. by using electric forklift trucks and electric vehicles.
 - ▲ We avoid purchasing cars with large engines.
- ▲ Wherever possible, we use public transport and car pools.



Trainings and workshops for customers

- ▲ By training our customers, we can ensure that our products are used correctly and for the appropriate purpose, and that their environmental impact is kept to a minimum.
- ▲ Customers and business partners are provided with information on how to act in an environmentally friendly way.



Management

- ▲ An economically sustainable family-owned company – i.e. we follow an approach, based on long-term thinking – since 1904.
- ▲ Currently in the 4th generation with managing director Johannes Peter Kiehl and lots of highly motivated employees.



Development, selecting raw materials and recipes

- ▲ We use renewable raw materials, such as sugar surfactants from certified, sustainable farming (such as Dopomat-intenso, Duocit-eco).
- ▲ We look for raw materials with a high and fast biodegradability.
- ▲ We work closely with renowned raw material producers to develop the best solutions, to minimise our impact on the environment.
 - ▲ We utilise synergistic effects in our raw material selection to minimise waste water pollution.
 - ▲ We promote highly concentrated products to reduce packaging waste and to avoid excessive transport.
- ▲ We concentrate on developing recipes with environmental certifications, like the EU Ecolabel, Blauer Engel and Nordic Swan. We currently offer 38 recipes awarded an environmental label (ARENAS-eco, Kiehl-Legnudur-satina, ECOMAX Polish, and many more).
- ▲ We develop cleaning and maintenance systems that allow for maximum rates of water recycling (e.g. in the vehicle washing sector).



... habitats and the needs of humans have been determining our professional actions, since the beginning.

Production



- ▲ Despite constantly increasing the level of automation (e.g. through the use of robots), we will continue to reduce our use of energy. Between 2013 and 2021, we managed to reduce energy consumption by over 22% for each ton produced.
- ▲ The latest plant technology and organisational procedures ensure that our use of process water lies considerably below one thousandth per ton of production.
- ▲ We ensure that our factories have exemplary and thorough wastewater treatment plants.
- ▲ We are reducing waste quantities and increasing recycling quotas in the field of waste.

Packaging and recycling

- ▲ We primarily promote the KIEHL return and reuse system, but we also attach great importance to the recyclability of our packaging.
- ▲ Our plastic containers, including product labels, are predominantly made from non-mixed materials like PE or PET.
- ▲ As a result, the containers can be recycled using standard disposal systems.
- ▲ Where appropriate, we have been using plastic packaging incl. closures with "post-consumer" recycling granulates made from PE or PET since 2019 and will roll this out further in the future.
Thus, old plastics are being used to create new KIEHL packaging.
- ▲ We have been using cardboard packaging with a very high recycled content for the outer packaging of small containers for many years. These recycled boxes are guaranteed to be recyclable to ensure another "product life".



Building technology and systems at KIEHL Group companies

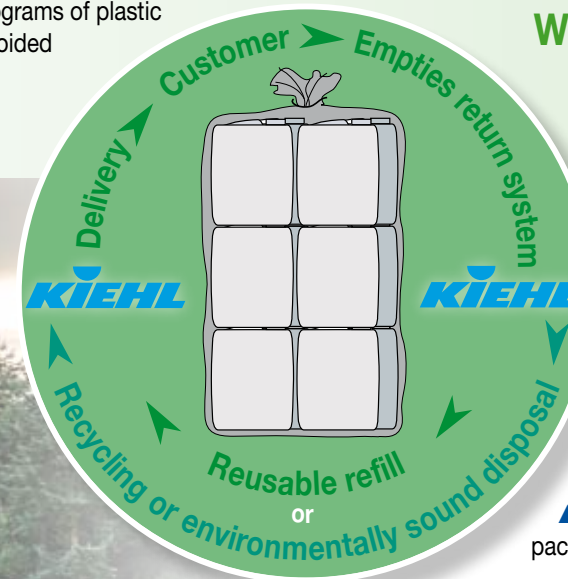
- ▲ The latest innovative techniques are used on new buildings to keep energy consumption and emissions as low as possible.
- ▲ We use geothermal technology, heat pumps, solar technology and photovoltaic energy to provide heat and ventilation for the buildings.
- ▲ Regular renovations within and to the buildings allow us to improve our environmental indicators and environmental safety year after year.



We have been working together with our customers to fight against environmental pollution caused by plastic for over **25 years**.

Thanks to the **KIEHL return system for plastic containers**, over 2.5 million kilograms of plastic waste has been avoided to date.

Waste prevention through reusing product packaging



- ▲ We have been **reusing** product packaging for years thanks to the KIEHL return system.
- ▲ With the KIEHL reuse system, we achieve a **considerable conservation of resources and a significant reduction of packaging waste**.
- ▲ We prefer the **reuse** of packaging to costly recycling.