

Overview of products

with tips for prevention and reduction
and tips for your safety



Aerosol cans and foam cans



⇒ Aerosols: for example cockpit sprays, deodorants, hair spray, impregnation sprays, insect sprays, lacquer sprays, chain sprays for bicycles, room sprays, shaving foam, styling foam,

whipped cream spray

⇒ Foam for building purposes (PUR respectively PU [polyurethane] foam)

Prevention and reduction of waste - our tips

- For most of the products, there can be found alternatives to sprays: deo roller, shaving soap, liquid products or refill pumps.
- Avoid using superfluous products as room

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sprays, whipped cream in aerosol cans etc.

- "Empty" spray cans still contain remainders of their content and thus do not belong to the house-hold waste.

Safety - our tips

- Beware of impregnating sprays and plant treatment products: Use only outdoors or with good ventilation.
- Observe the safety instructions on the labels.

Batteries and accumulators



⇒ Dry batteries : zinc-carbon, alkaline, manganese and lithium batteries, quicksilver button cells

⇒ Rechargeable dry batteries, Nickel-metal hydride batteries

⇒ Liquid batteries: car batteries containing acid (lead accumulators) and emergency batteries containing lye (Ni-Cd accumulators)

Prevention and reduction of waste - our tips

- Pay attention to the label „Clever akafen“
- Avoid buying products as post cards with sound, blinking pins.
- If possible, use appliances without batteries for instance, appliances with solar cells or which can be connected to the power supply.
- If you need batteries, preferably use rechargeable Ni Mh accumulators or at least batteries, which do not contain quicksilver.

- Use the collection structure put at the disposal by retailers for used batteries..
- Regular maintenance and cleaning extends the lifetime of lead batteries.

Safety - our tips

- Lithium batteries from laptops, tools, etc., even if they no longer work, have a high energy content. Please give them separately.

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Bitumen mixtures and products containing tar



⇒ Bitumen, tar
⇒ Railway sleepers
⇒ Roofing felt, bitumen shingle

⇒ PCB-containing liquids

Prevention and reduction of waste - our tips

- Be careful while handling products containing bitumen.

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- Use alternative products for isolating the roof against humidity. Alternatives can be oiled or waxed papers or more environment friendly plastic films made of PE/PP.

Chemicals



⇒ Toxic, irritating, inflammable or oxidizing substances for instance of experimental or chemical sets

⇒ Chemicals for special uses as disinfecting products, soldering substances (hard and soft soldering substances, liquid), anti-rust agents

⇒ Brines, ammoniac, caustic alkali (calcium hydroxide, kali brine), caustic chalk (burned chalk), caustic sodium (sodium hydroxide), paint remover

⇒ Acids, for example, formic acid, citric acid, vinegar acid, oxalic acid, phosphoric acid, saltpeter acid, sodium acid, sulfuric acid,

Prevention and reduction of waste - our tips

- Use as less chemicals as possible.
- Collect information about substitution products, which are not dangerous or alternative methods.

Safety - our tips

- Only use chemicals if you know exactly how to handle them or ask professionals for advice.
- Comply with the danger signs and safety instructions.

- Leave unused chemical remainders in the original containers. All containers should bear clear indications.
- Never mix unused chemical remainders. This can lead to uncontrolled dangerous reactions.
- Never pour water into acids!
- Be careful when handling concentrated acids and brines. Use appropriate protection gloves and if possible eye protection. In case of contact with the eyes or the skin, the area should be washed off with a lot of water. In case of eye injuries, a doctor should be asked for appropriate treatment.

Cleaners



⇒ Neutral cleaners: universal cleaners, wax, disinfection products, glass cleaners, floor cleaners, scouring agents, silver cleaners, dishwashing

products, carpet cleaners

⇒ Basic cleaners: for example pipe cleaners, cleaners for oven and grills, bleaching products (Eau de Javel), tube cleaners, salmiac cleaners, sanitary cleaners, soda

⇒ Acid cleaners: for example WC cleaners, ice vinegar, vinegar essence, rust remover

Prevention and reduction of waste - our tips

- Pay attention to the label "Clever akafen".

- Use products with substances that are easily biodegradable, for example soft soap, acid cleaners with vinegar or lemon. Indications can be found on the label.
- Use low quantities of cleaners and comply with usage indications. Too much cleaning substance will not improve the result and represent an unnecessary harm to the environment.
- Refrain from using aggressive special cleaners. The cleaning effect can also be obtained by using brushes and similar tools.
- If possible do not use highly basic special cleaners. Most of the time, universal cleaners, dishwashing products or alcohol cleaners are strong enough.

- Unclog pipes with manual tools.
- Disinfection substances are unnecessary for normal cleaning purposes. They should only be used in exceptional cases (contamination risks).

Safety - our tips

- Never use cleaners containing chlorine together with acid cleaners, for example sanitary cleaners with chlorine and acid WC cleaners. This can generate highly toxic chlorine gas.
- Never mix various cleaners and never use different cleaners simultaneously. This can lead to dangerous reactions.

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Cooking oils and greases



➡ Cooking oils and greases in liquid and solid form: vegetable oils (for example rapeseed oil, sunflower oil, olive oil), animal greases (for example butter, lard)

Prevention and reduction of waste - our tips

- Cooking greases and oils should not be let into the sewer but should be recycled. This is better for the used water supply and keeps pipes clean.
 - Sieve or filter the frying remainders after using the oil, it will help to keep it longer.
- Safety - our tips**
- Never use water to extinguish a frying oil fire but use an appropriate means for instance

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a blanket.

- Collect the frying oils and greases in the special container available at the **SuperDrecksKëscht®**, which is put at your disposal for free at all the collection sites. In order to prevent the container from melting, the oil should not be warmer than 80° C.

Data supports and print media



➡ Ink cartridges containing an alcohol water color mixture

➡ Toner cartridges and toner powder

➡ Data support: magnet tapes (sound tapes, film tapes, music and video tapes, disks), CDs and DVDs

Prevention and reduction of waste - our tips

- Buy a printer that is adapted to your needs and has a low supply and energy consump-

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tion.

- Disks and CD that still function and do not contain personal data, as for instance movies, music or computer games are collected in the Second-Hand-Shops of the recycling sites !

Filters and absorbing material



➡ Filters: oil and diesel filter, heating oil filter

➡ Oil contaminated products, oil bon-

ding agents, cleaning pads

➡ Paint contaminated products: paint soaked tissues, paint brushes, cover material (paper, films), etc.

Prevention and reduction of waste - our tips

- The absorption of materials can largely be

avoided by a careful way of working.

- Handle filters and absorbing materials with the same care as the products themselves.

Fire extinguishers and fire extinguishing powder



➡ Fire extinguishers: halon extinguisher, powder extinguisher, foam extinguisher, CO₂ extinguisher

Prevention and reduction of waste - our tips

- Avoid using halon extinguishers that are

dangerous for the environment! Please bring these devices to the **SuperDrecksKëscht®** collection sites.

Safety - our tips

- Do not expose fire extinguisher to direct sunlight, keep valves closed!
- Arrange for regular maintenance of your fire extinguishers. Inappropriately maintained

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appliances can explode upon usage due to corrosion damage if put under pressure in case of use.

- Never use water to extinguish burning grease or oil, this could lead to explosion!
- Gas extinguishers can get very cold during use, beware of the danger of freezing! Please use protective gloves, for example made out of leather.

Florescent lamps, bulbs and products containing mercury



➡ Lamps: bulbs, halogen lamps, LED lamps.

➡ Lamps containing mercury: fluorescent lamps ('neon tubes') in any form, low energy lamps, mercury damp lamps

➡ Products containing mercury: thermometer, barometer, quicksilver plugs, elementary quicksilver

Prevention and reduction of waste - our tips

- Pay attention to the label "**Clever akafen**"
- Bulbs and lamps of any type should not be put into the glass collection containers, as they are made of a different quality of glass and dangerous substances could be released.
- Retailers can provide you adequate information regarding the optimal and energy saving lighting.

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- Energy saving lamps, IRC halogen lamps and LED save energy and reduce electricity costs.
- If you still have quicksilver thermometers, you should bring these to the **SuperDrecksKëscht®** and buy a thermometer with alcohol or a digital appliance.

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Gas in containers under pressure



➡ Gas bottles under pressure: propane or butane gas bottles, which are not collected by the retailers

➡ Gas lighters

➡ Gas cartridges

Safety - our tips

- Only use gas bottles, which have undergone a technical control and carry a valid TÜV plate.
- Never expose gas bottles or gas cartridges to direct sunlight. They have to be stored in a well-ventilated location.
- Keep gas bottles, gas cartridges and ligh-

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ters outside the range of children.

- Avoid leaving gas lighters in your car, especially during summer, as they could explode due to strong sunlight.

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Materials and products containing asbestos



- ➔ Asbestos in building materials: Eternit®, roof plates, isolation plates
- ➔ Asbestos in other products: brake linings with asbestos, sealing rings

and washers with asbestos
Safety - our tips

- Be careful while handling products containing asbestos and try not to generate any dust, which could lead to breathing in asbestos fibers.
- Smaller parts made of asbestos cement can be packed in dustproof plastic bags. In

no case may be sawed, drilled or torn out, because with this inappropriate handling arises health-endangering dust.

- If you want to know if your storage heaters contain asbestos, you can call the **SuperDrecksKëscht®** to receive further information (Tel.: 488 216-213).

Medication, cosmetics and medical waste



- ➔ Medication (expired or still unused): dragees, lotions, medical sprays, powder, creams, liquids, pills, tinctures, drops
- ➔ Hygiene products, cosmetics, bath products

➔ Used syringes and cannulas

Prevention and reduction of waste - our tips

- Buy packaging sizes, which you are very likely to consume entirely.
- Medication, which you no longer need, may be taken back by pharmacies for destruction.
- Do not use pills as your first option – many

small sicknesses can be treated by natural means or alternative healing means.

Safety - our tips

- Use the safety box, available for free at the pharmacies, to ensure safe collection of used syringes.

Packaging of dangerous products



- ➔ Containers of chemicals, cleaners, paint, lacquer and printing colors, solvents
- ➔ Containers of oils, grease and fuel

➔ Containers of pesticides and plant protection products

Prevention and reduction of waste - our tips

- Preferably use products containing low quantities of dangerous substances or

no such substances at all! Watch for the acknowledged environment signs, as for instance the "blue angle".

- Some products with low quantities of dangerous substances also come in powder form (for instance paint). This helps to avoid packaging.
- Always try to choose a package size adapted to your actual need. One large container will generate less waste than several small ones although you should not, due to price considerations, buy large quantities if you do not

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need them. This leaves the product unused in your cellar with the need to be disposed of at a later date.

Safety - our tips

- The following applies also to emptied packagings of dangerous substances. Store them tightly closed and keep the label on them.
- Store the emptied packages of dangerous substances in a way that they are not accessible to children.

Paint, lacquers and printing colors



- ➔ Paint and lacquer: for example alkali lacquers, dispersion paint, varnish, liquid synthetic resin, glazing, impregnation substances, synthetic resin lacquers, veneer, latex, natural resin lacquers, nitrogen lacquers, oil paint

➔ Protection paint with antifungal and insecticide substances: anti-fouling paint, undercoating, wood protection paint

➔ Sealing compounds, glues, pencils with solvents (felt pen, lacquer pen, text markers, ink erasers)

➔ Polish and waxes

Prevention and reduction of waste - our tips

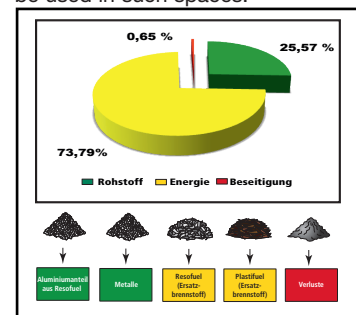
- Pay attention to the label "Clever akafen"
- Preferably use environment friendly products, for example paint and glues which are based on and contain only natural raw materials (plants and mineral paint, plant starch, gelatin).
- Only buy such quantities of these products as you actually need.
- Unused product remaining can be stored for longer time if the containers are tightly closed and put upside down.
- By using appropriate wood types and method of construction, the use of wood protection

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substances can be largely reduced.

Safety - our tips

- In interior spaces only use paint and wood protection coatings, which are authorized to be used in such spaces.



Pesticides and manure



- ➔ Pesticides (products against pest): fungicides (against fungi), herbicides (against weeds), insecticides (against insects), mollusk products (against

snails), rodent products (against rodents); Examples: products against ants, aerosols for roses, grains against snails, products against weed, products against voles, mothballs

➔ Manure: synthetic manure with mineral salts. This manure contains among others:

nitrogen, phosphor, calcium, magnesium or iron.

Prevention and reduction of waste - our tips

- Increase the resistance of plants. This means selecting the right place to grow them, use different types of plants and grow them together as appropriate. Apply natural methods as pulling out weeds, collecting pest or favoring beneficial animals.
- A wire screen on the window or a fly swatter help against flying insects.
- Take advice from specialist retailers or ecologic institutions before using the "chemical hatch".

- Avoid using synthetic manure in the garden. Use compost instead in order to increase the supply of nutrient substances to plants.

Safety - our tips

- It is very important that you comply with the instructions for use, danger signs and safety recommendations while handling pesticides.
- Even organic means, made out of substances, which are naturally present in the environment, frequently contain elements, which are dangerous or toxic for human beings. They also need to be used with care!

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Photo chemicals and photographic products



➡ Developers, fixers, separators, bleaching baths, etc.

Prevention and reduction of waste - our tips

- Use photo chemicals only in low quantities.
- Today digital photography offers many possibilities without the use of photo chemicals.

Safety - our tips

- Do not discard photo chemical solutions into the sewers.
- Collect the various photo chemicals separately in order to avoid uncontrolled reactions.
- Comply with the warning indications on the label.

Solvents



➡ Paint removers, acetone, alcohols, methylated spirits, ether, stain removers, cold cleaners, ethylene chloride,

nail polish remover, nitro solvents, test petrol, turpentine substitute, thinner, toluol, wash fuel, White Spirit, xylol

➡ Chlorated carbon dioxide (CKW), chloro-

form, PER, TRI, TETRA, etc.

Prevention and reduction of waste - our tips

- If possible, preferably use products with a low solvent level or water solvents (check for acknowledged environment signs)!
- When purchasing, pay attention to recognized eco-labels.
- Gall soap is a very good stain remover.

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Safety - our tips

- Solvents should absolutely not be put into the sewers.
- Only use solvents or products containing solvents in well-ventilated rooms. Pay attention to the warnings and safety instructions on the label.
- If working with solvents, make sure there is no fire source in the surrounding area (danger of explosion) !

Used oils, greases, fuel and emulsions



➡ All naturally or synthetically produced mineral oils: engine oil, gear oil, hydraulic oil, lubrication oil and lubrication greases

➡ Contaminated fuel (for example: petrol diesel mixtures)

➡ Emulsion of oil with water

➡ Oil radiators and thermal oils, condensers with PCB

Prevention and reduction of waste - our tips

- Do not mix used oil with other substances. Put used oils back into the original packaging as much as possible before bringing it to a collection site.
- Use recycling oil for filling up purposes. Recycling oils have the same quality as new products and allow you to save natural raw material.
- Old oil radiators and condensers can contain the highly toxic PCB. Please bring these products to the **SuperDrecksKëscht®**.

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Safety - our tips

- Be careful and prevent used oils from getting into the soil or the water while handling such products.
- Ask a garage carrying the label **SuperDrecksKëscht® fir Betriber** to carry out oil changes and other maintenance works on your car and appliances.

Further information as well as links and documents can be found on the Internet - SuperDrecksKëscht® product dictionary ! produktlexikon.sdk.lu

