Using chemical products safely

How to protect your health and the environment

1. Use

2. Read hazard warnings

3. Check alternatives

4. Only buy as much as you need

6. Follow safety information

8. Do not leave unattended

11. Observe disposal instructions

Observe hazard symbols

New symbols for everyday hazards

To protect your health and your environment!

Observe new hazard symbols and safety information.

The new hazard symbols convey the main handling of chemical products and their impacts on people and the environment. They replace the old symbols.

The symbols and safety information on the label must always be observed.

Hazard labelling

Hazard warnings

Hazard symbols

Hazard level

Exact description of hazard

Label information

Safety information

Product name

Product description

Instructions for use

Instructions on how to handle

Contactor

Manufacturer’s address

Improper handling of chemical products can result in immediate injury or serious health consequences. By observing the hazard warnings on the label and taking appropriate preventive measures when handling chemical products, the product will be able to provide you with information and guidance on the necessary preventive measures.

Products can enter the body in various ways:

- Dermal contact: when the chemical comes into contact with the skin or mucous membranes
- Inhalation: when the chemical is inhaled
- Ingestion: when the chemical is swallowed
- Ocular contact: when the liquid comes into contact with the eyes

If substances enter the body in this way, the consequences can range from simple irritation and discomfort to severe poisoning, in some cases even leading to death.

Danger to the skin

Situation:

- Dermal contact through direct skin contact or by contact with clothing

Risks:

- Irritation
- Allergic reactions
- Burns
- Long-term skin damage
- Absorption of toxic substances

Your skin can come into direct contact with chemical products by spraying them, sanding or working with them.

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Danger to the eyes

Situation:

- Ocular contact through direct skin contact or by contact with clothing

Risks:

- Irritation
- Allergic reactions
- Burns
- Long-term skin damage
- Absorption of toxic substances

Your eyes are very sensitive and should be well protected. Wear protective glasses when using corrosive products such as oven or drain cleaners or when using paint strippers.

Danger to the respiratory system

Situation:

- Inhalation through breathing, smoking and dermal contact

Risks:

- Irritation
- Chemical pneumonia — lung inflammation
- Local irritation or burning of the oral cavity
- Allergic reactions
- Burns
- Long-term irritation
- Absorption of toxic substances
- Respiratory failure
- Poisoning
- Coma

Inhalation of chemical products can lead to irritation and burning of the respiratory system, such as the throat, the lungs, the bloodstream. This can lead to a coma in severe cases, so that immediate medical treatment is required.

Danger to the nervous system

Situation:

- Ingestion of chemicals

Risks:

- Poisoning should certain substances enter the bloodstream. In certain circumstances, this can be fatal. Chemical pneumonia – lung inflammation
- Local irritation or burning of the oral cavity
- Allergic reactions
- Burns
- Long-term irritation
- Absorption of toxic substances
- Respiratory failure
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- Coma

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Danger to the digestive system

Situation:

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Risks:

- Irritation
- Allergic reactions
- Burns
- Long-term skin damage
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Risks of rash and skin irritation

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Safety glasses

Appropriate protection

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