

TRANSPORTING HAZARDOUS SUBSTANCES

SAFETY IN YOUR COMPANY

The internal transport of hazardous substances involves an increased potential risk. Our checklist contains essential information for safely transporting hazardous substances in your company.



ENSURE HAZARDOUS SUBSTANCES ARE WELL PREPARED FOR TRANSPORT!

Carry out a risk assessment

Before starting an activity, carry out a risk assessment and clarify the following questions

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- What risks are posed by the hazardous substance being transported?
- What quantities are being moved?
- How often will the hazardous substance be transported?
- Which employees will/may transport the hazardous substance?
- Over which route is the hazardous substance transported?
- What potential sources of danger can occur during the transport process?
- What is the probability of occurrence and the expected extent of damage?

Determine protective measures:

Decide on suitable protective measures for the transport of hazardous substances from your risk assessment, e.g.

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- technical measures (such as the use of appropriate transport aids)
- organisational measures (such as operators' instructions for the safe transport of hazardous substances, regular cleaning of traffic routes or the preventive provision of binding agents, emergency showers or first aid equipment for emergencies)
- personal measures (such as the wearing of personal protective equipment (PPE))

Train employees:

Train your employees specifically in the safe transport of hazardous substances

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- before employment for the first time
- annually as a minimum thereafter
- if any changes are made

CARRY OUT THE TRANSPORT OF HAZARDOUS SUBSTANCES WITH CARE!

☐**Identify the hazardous substance:**

Before transport, determine which hazardous substance is involved and which protective measures are provided for in the operator's instructions.

☐**Check labelling:**

Before transport, check that the labelling is in accordance with the regulations (especially on receipt of goods and if the hazardous substance has previously been transferred from the original container to other containers).

☐**Wear PPE:**

Never work with hazardous substances before you have put on the personal protective equipment (PPE) intended for this purpose - this applies to transport too!

☐**Check container for damage:**

Check the packaging or container for damage before transport. If there is any damage, the container should be replaced or it should be ensured that there is no leakage of hazardous substances during transport.

☐**Seal container tightly:**

Before transport, check that the container is tightly closed. For gas cylinders the cap should be in place.

☐**Use suitable transport aids:**

Only use suitable transport aids for the transport of hazardous substances that are intended for the respective container and also check these for proper function before use.

☐**Attach transport safety device:**

You must ensure loads are properly secured when transporting hazardous substances. Aids such as drum handling equipment or gas cylinder trolleys are usually equipped as standard with a transport safety device (e.g. in the form of a belt or chain) which ensures a secure hold. Suitable load securing sets are available as an option for many other products such as mobile spill pallets.

☐**Always go the right way:**

Only use designated traffic routes.

☐**Keep your distance:**

Keep sufficient distance from doors, gates, stairs or passageways.

☐**Ensure safe combined storage:**

Before storing hazardous substances, check whether combined storage is permitted according to TRGS 510.

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