Aktobis AG
GERMANY SINCE 2003

SAFETY DATA SHEET (SDS)

Building dryer WDH-1200HT (Product)
Under regulation (EG) Nr. 1907/2006 (REACH) – Format according to EU 2020/878

1. Name of the substance or mixture and of the company



Product name: Building dryer WDH-1200HT
Brand: WDH
Use: Household, commercial (indoor dehumidification)
Refrigerant: R454C (A2L refrigerant), 1000 g
Manufacturer: Aktobis AG
Address: Borsigstr. 20, 63110 Rodgau, Deutschland
Phone: +49 (0)6106 284230
E-Mail: info@aktobis.de
Emergency number: 112 (European emergency number)

2. Potential hazards

Product with hermetically sealed refrigeration circuit.
Danger if refrigerant is released: Flammable gas, category 2 (H221).
Formation of combustible gas-air mixtures possible.
Additional danger from gas under pressure.

3. Composition/information on components

Contains: R454C (Mixture of R32 and R1234yf)
Amount in device: 1000 g
Hermetically sealed refrigeration circuit.

4. First aid measures

After inhalation: Immediately remove affected person to fresh air.
In case of breathing difficulties or unconsciousness, call emergency services at 112.
Skin contact: If cold sensation occurs, carefully warm with lukewarm water.
Eye contact: Rinse with water for several minutes and consult a doctor.

5. Firefighting measures

Suitable extinguishing media: Water mist, CO_2, powder, foam.
Special hazards: Decomposition under heat, possible formation of toxic gases.
In case of fire, keep containers and equipment cool from a safe distance.

6. Measures in case of accidental release

Cordon off the area, keep people away, and ventilate thoroughly.
Remove all ignition sources.
Leaks may only be repaired by qualified personnel.

7. Handling and storage

Do not open, damage, or transport the device improperly.
Protect from heat, open flames, and strong ignition sources.
Ensure adequate ventilation at the place of use and the place of storage.

8. Limitation and monitoring of exposure

No personal protective equipment required during normal operation.
Wear suitable PPE and explosion protection when performing service work.

9. Physical and chemical properties

Physical state: Liquefied gas under pressure in the system.
Flammability: Flammable gas (A2L – low flame speed).

10. Stability and reactivity

Stable when used properly.
Avoid: heat, sparks, open flames.

11. Toxicological information

No exposure when used as intended.
High concentrations may have a narcotic and suffocating effect.

12. Environmental information

Contains fluorinated greenhouse gases.
Avoid release, ensure proper recovery.

13. Disposal instructions

Disposal as waste electrical equipment in accordance with the German Electrical and Electronic Equipment Act (ElektroG).
Refrigerant recovery exclusively by certified specialist companies.

14. Transport information

Transport the finished device in accordance with regulations for machines/electrical equipment.
Reference: Refrigerant as a pressurized gas mixture, flammable (A2L).

15. Legal provisions

REACH Regulation (EC) No. 1907/2006
CLP Regulation (EC) No. 1272/2008
EU F-Gas Regulation (EU) 2024/573
Chemicals Climate Protection Regulation (Germany)

16. Other information

This safety data sheet serves as customer and operator information.
Subject to technical changes.