Aktobis AG
GERMANY SINCE 2003

SAFETY DATA SHEET (SDS)

Swimming pool dehumidifer WDH-SE60 (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: Swimming pool dehumidifier WDH-SE60
Brand: WDH
Use: Dehumidification of swimming pool and wellness rooms (interior spaces)
Refrigerant: R32 (Difluormethane), 500 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).
Additional danger due to gas under pressure (H280).
Gas may accumulate near the ground if released.

3. Composition/information on components

Contains: Difluoromethane (R32)
CAS No.: 75-10-5
Amount in device: 500 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: Formation of flammable gas-air mixtures in case of leakage.
In case of fire, keep containers and equipment cool from a safe distance.

6. Measures in case of accidental release

Clear the area and ventilate thoroughly.
Remove all ignition sources (no sparks, no open flames).
Leaks may only be repaired by qualified personnel.

7. Handling and storage

Do not open, drill into, or damage the device.
Do not operate or store near sources of ignition.
Ensure adequate room ventilation.

8. Limitation and monitoring of exposure

No personal protective equipment required during normal operation.
Use PPE in accordance with the risk assessment during maintenance/service.

9. Physical and chemical properties

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

10. Stability and reactivity

Stable when used as intended.
Avoid: heat, open flames, sparks, electrostatic discharge.

11. Toxicological information

No exposure when used properly.
High concentrations may have a narcotic or 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 electrical appliances.
Reference: R32 – flammable gas under pressure (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.