Aktobis AG
GERMANY ■ ■ ■ SINCE 2003

SAFETY DATA SHEET (SDS)

Dehumidifier WDH-416S (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: Dehumidifier WDH-416S
Brand: WDH
Use: Household, commercial (indoor dehumidification)
Refrigerant: R290 (propane), 60 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: Highly flammable gas (H220).
Explosion and fire hazard if released and ignited.
Gas may accumulate near the ground.

3. Composition/information on components

Contains: Propane (R290)
CAS No.: 74-98-6
Amount in device: 60 g
Hermetically sealed refrigeration circuit.

4. First aid measures

After inhalation: Move the affected person to fresh air, keep them warm and calm.
In case of discomfort or unconsciousness, call emergency services at 112.
Skin contact: Generally not relevant; if cold effect occurs, warm to lukewarm temperature.
Eye contact: Rinse with water, consult a doctor.

5. Firefighting measures

Suitable extinguishing agents: CO_2, powder, water mist, alcohol-resistant foam.
Special hazards: Formation of explosive gas-air mixtures.
In case of fire, keep containers and equipment cool from a safe distance.

6. Measures in case of accidental release

Clear the area immediately and ventilate thoroughly.
Remove all sources of ignition (no open flames, no sparks, no smoking).
Leaks should 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 size and ventilation.

8. Limitation and monitoring of exposure

No personal protective equipment required during normal operation.
Antistatic protective clothing recommended during servicing.

9. Physical and chemical properties

Physical state: Liquefied gas under pressure (in the refrigeration cycle).
Flammability: Highly flammable.

10. Stability and reactivity

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

11. Toxicological information

If used properly, no exposure.
High concentrations may cause suffocation due to oxygen displacement.

12. Environmental information

No ozone-depleting potential.
Low global warming potential, but release should still be avoided.

13. Disposal instructions

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

14. Transport information

UN 1978, propane, class 2.1 (reference information).
Transport the finished device in accordance with the applicable regulations for electrical devices.

15. Legal provisions

REACH-Regulation (EG) Nr. 1907/2006
CLP-Regulation (EG) Nr. 1272/2008
EU-F-Gase-Regulation (EU) 2024/573

16. Other information

This safety data sheet serves as customer information for household appliances containing R290.