



SAFETY DATA SHEET

SPRITZFÜLLER GRAU

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Issued: 16.11.2007

Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: SPRITZFÜLLER GRAU
Product code: H8
Company name: AIRO CHEMIE
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2. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Harmful by inhalation. Irritating to eyes and skin.
Other hazards: Flammable. In use, may form flammable / explosive vapour-air mixture. Harmful by inhalation.
Irritating to eyes. Irritating to skin.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: STYRENE 10-20%
EINECS: 202-851-5 CAS: 100-42-5
[-] R10; [Xn] R20; [Xi] R36/38
• ETHYL ACETATE 5-10%
EINECS: 205-500-4 CAS: 141-78-6
[F] R11; [Xi] R36; [-] R66; [-] R67

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be vomiting.
Inhalation: There may be loss of consciousness.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

Exposure hazards: Flammable. Harmful. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden.

Storage conditions: Keep away from sources of ignition. Keep away from direct sunlight.

Suitable packaging: Coated steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: STYRENE

WEL (8 hr TWA): 430 mg/m³ WEL (15 min STEL): 1080 mg/m³

- ETHYL ACETATE

WEL (8 hr TWA): 200 ppm

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Particle filter class P1 (EN143).

Hand protection: Viton gloves.

Eye protection: Tightly fitting safety goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Grey

Odour: Characteristic odour

Solubility in water: Not miscible

Also soluble in: Most organic solvents.

Viscosity: Viscous

Viscosity value: n. V.

Boiling point/range°C: 77

Melting point/range°C: n. V.

Flammability limits %: lower: 1,1

upper: 8
Flash point°C: 14
Autoflammability°C: 460
Vapour pressure: 96,8 mbar
Relative density: 1,65 g/cm³

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Direct sunlight. Sources of ignition.
Materials to avoid: Oxidising agents.
Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: STYRENE
IVN MUS LD50 90 mg/kg
ORL MUS LD50 316 mg/kg
ORL RAT LD50 2650 mg/kg
• ETHYL ACETATE
ORL MUS LD50 4100 mg/kg
ORL RAT LD50 5620 mg/kg
SCU RAT LDLO 5 gm/kg

12. ECOLOGICAL INFORMATION

Mobility: Vapour is heavier than air.
Persistence and degradability: Not biodegradable.
Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Waste code number: 08 04 09
Disposal of packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1263	ADR Class: 3
Packing group: II	Classification code: F1
Shipping name: Farbe	
Labelling: 3	Hazard ID no: 33



IMDG / IMO

UN no: 1263 **Class:** 3
Packing group: II **EmS:** F-E,S-E*
Marine pollutant: NEIN
Labelling: 3

IATA / ICAO

UN no: 1263 **Class:** 3
Packing group: II
Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.
Harmful.



Risk phrases: R11: Highly flammable.
R20: Harmful by inhalation.
R36/38: Irritating to eyes and skin.

Safety phrases: S2: Keep out of the reach of children.
S16: Keep away from sources of ignition - No smoking.
S33: Take precautionary measures against static discharges.
S38: In case of insufficient ventilation, wear suitable respiratory equipment.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

Seveso II guideline: Yes

Water hazard class: 2 Classification by VwVwS

Air emission directive: Class: II Item no: 5.2.5 Amount m%: 15

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

Risk phrases used in s.3: R10: Flammable.
R20: Harmful by inhalation.

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R36/38: Irritating to eyes and skin.

R11: Highly flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.