

SAFETY DATA SHEET

VOLTRONIC AIR-CON DESINFECTANT AC21

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Revision No: 1

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

Product name: VOLTRONIC AIR-CON DESINFECTANT AC21

Product code: AC 21

Synonyms: KLIMAANLAGEN DESINFEKTIONSMITTEL

Use of substance / preparation: Cleaner liquid

Company name: VOLTRONIC & ACT GmbH

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2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ALKYL POLYGLYKOLETHER 1-10%

[Xn] R22; [Xi] R36/38

- PARFÜMÖL CITRUS 3 K/A <1%

[Xi] R38; [Sens.] R43; [N] R51/53

- ISOPROPANOL 1-10%

- 2,4,4'-TRICHLOR-2'-HYDROXY-DIPHENYLETHER <1%

CAS: 3380-34-5

[Xi] R36/38; [N] R50/53

Contains: Preparation

Water basing, > 50% water

4. FIRST AID MEASURES (SYMPTOMS)

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. Consult a doctor.

Ingestion: Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. If unconscious, check for breathing and apply artificial respiration if necessary.

[cont...]

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray. Carbon dioxide. Dry chemical powder. Suitable extinguishing media for the surrounding fire should be used.

Protection of fire-fighters: 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. If outside keep bystanders upwind and away from danger point. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Mix with sand or vermiculite. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

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

Storage conditions: Keep container tightly closed. Ensure storage room has retention walls. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging. Polyethylene.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure storage room has retention walls. The floor of the storage room must be impermeable to prevent the escape of liquids.

Hand protection: Protective gloves. Breakthrough time of the glove material > 4 hours.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Evaporation rate: Negligible

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Viscosity value: 1,3

Viscosity test method: Kinematic viscosity in 10⁻⁶ m²/s at 40°C (ISO 3104/3105)

Flash point°C: 70

Relative density: 0,996

pH: 4,8

VOC g/l: 27,8

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Sources of ignition.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: ALKYL POLYGLYKOLETHER

ORL RAT LD50 500 -2000 mg/kg

- 2,4,4'-TRICHLOR-2'-HYDROXY-DIPHENYLETHER

ORL RAT LD50 4300 mg/kg

SKN RAT LD50 >6000 mg/kg

12. ECOLOGICAL INFORMATION

Hazardous ingredients: 2,4,4'-TRICHLOR-2'-HYDROXY-DIPHENYLETHER

ALGAE 72H IC50 0,0014 mg/l

DAPHNIA 48H EC50 0,4 mg/l

EARTHWORMS 14 days >1026 mg/l

FISH HARLEQUIN FISH 96H LC50 0,35 mg/l

Mobility: Soluble in water.

Persistence and degradability: Biodegradable in part only.

Other adverse effects: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are disposed of by means of any of the operations in this Annex (e.g. evaporation, drying, calcination, etc.).

R1 Solvent reclamation/regeneration.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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: 1950

ADR Class: 2

Classification code: 5A

Shipping name: AEROSOLS (ISOPROPANOL; ALKYL POLYGLYKOLETHER)

Labelling: 2.2



IMDG / IMO

UN no: 1950 **Class:** 2
EmS: F-D,S-U **Marine pollutant:** .
Labelling: 2.2

IATA / ICAO

UN no: 1950 **Class:** 2
Labelling: 2.2

15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Safety phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Precautionary phrases: Contains May produce an allergic reaction.

Water hazard class: 1 Classification by VwVwS

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

Risk phrases used in s.3: R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R38: Irritating to skin.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.