

1. Identification of the Preparation and of the Company

Identification of the Preparation:

Spirohexol 2

Use of the Preparation:

Medicament for ornamental fish in the aquarium.

Company:

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2. Hazards Identification

Unknown.

3. Composition / Information on Ingredients

Special agents in an aqueous solution.

Hazardous Ingredients:

EINECS-No.	CAS-No.	Material Name	Content	Unit	Classification	R-Phrases
204-490-9	121-66-4	2-Amino-5-nitrothiazole	< 2	%	Xn Xi	22 36/37/38

The text of the R-phrases is in section 16.

4. First Aid Measures

Inhalation:

Not applicable.

Skin Contact:

Change contaminated clothing, wash off affected skin with plenty of water using soap.

Eye Contact:

Spreading the eyelids rinse the eyes thoroughly with plenty of water, see an eye specialist.

Ingestion:

Make the person rinse out the mouth and let drink plenty of water, allow the person to vomit, call a physician.

5. Fire-fighting Measures

Suitable Extinguishing Media:

Product does not burn if evaporated water will be substituted.

Unsuitable Extinguishing Media:

Not applicable.

Decomposition Products:

Thermal decomposition to carbon monoxide, sulphur oxides and nitrogen-organic cracked products.

Special Protective Equipment:

Tightly closing fireproof clothing and oxygen apparatus.

6. Accidental Release Measures**Person-related Precautionary Measures:**

See section 8 "Exposures Controls / Personal Protection".

Environmental Precautions and Methods for Cleaning up:

Do not allow to enter waters, collect mechanically using binding agents.

Further Information:

No data available.

7. Handling and Storage**Handling:**

General handling precautions:

Keep container cool and tightly closed.

Protection from fire and explosion:

No special measures necessary.

Storage:

Regulations of storage:

Protect container from frost, heat, and direct sunlight.

Incompatible materials:

No special measures necessary.

8. Exposure Control / Personal Protection**Additional Information for the Formation of Technical Facilities:**

No further information available, see section 7 "Handling and Storage".

Exposure Limit Values:

Not applicable.

Personal Protective Equipment:

General Measures for Protection and Hygiene:

Avoid contact with the skin and the eyes, when using do not eat, drink, or smoke

Breathing Protection: Not necessary.

Hand Protection: Protective gloves according to EN 374-1 of rubber or plastic are recommended for professional use.

Eye Protection: Protective goggles are recommended for professional use.

Personal Protection: Protective clothing of rubber or plastic is recommended for professional use.

9. Physical and Chemical Properties

Appearance:

State: liquid

Colour: yellowish

Odour: odourless

Data of Safety:

Melting Point / Melting Range:

Boiling Point / Boiling Range:

Flash Point:

pH-Value (g/l H₂O): (T = 20 °C)

Flammability:

Ignition Temperature:

Auto Flammability:

Oxidising Properties:

Explosive Properties:

Explosion Limits: lower:

upper:

> 100

Not available.

°C

Not applicable (see section 5).

Not available.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Not applicable.

Further Information:

Density: (T = 20 °C)

Water Solubility: (T = 20 °C)

Vapour Pressure: (T = 20 °C)

Vapour Density (air = 1):

Partition Coefficient (n-octanol / water):

Viscosity: (T = 20 °C)

Separation of Solvents:

Content of Solvents (VOC EU):

Evaporation Number:

1.02

g/ml

Miscible in each ratio.

Not available.

Not available.

Not available.

Slightly viscous.

Not applicable.

41

g/l

Not available.

10. Stability and Reactivity

Conditions to Avoid:

See section 7 "Handling and Storage".

Materials to Avoid:

Strong oxidising agents and concentrated mineral acids.

Hazardous Decomposition Products:

In case of fire, see section 5.

Further Information:

No data available.

11. Toxicological Information

No data available.

12. Ecological Information

Persistence in the Environment:

No data available.

Bioaccumulation:

No data available.

Ecotoxical Effects:

No data available.

Further Ecological Data:

Spilling product harms waters by high consumption of oxygen and general pollution impact.

13. Disposable Considerations

Residues and contaminated packaging are special waste. For disposing ask your local authority.

Waste Classification according to EC Regulations (2000/532/EC):

07 03 01 aqueous washing liquids and mother liquors

14. Transport Information

No dangerous good.

15. Regulatory Information

Labelling According to EU Regulations:

This preparation is not subject to the Directive 1999/45/EC relating to the classification, packaging and labelling of dangerous substances.

German Regulations:

Occupation restriction: No.

Classification according to TA Luft (2002): (Technical instructions about clean air)	Not applicable.
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Water hazard class: WGK 2 (hazardous to water).
(Wassergefährdungsklasse)

Storage class according to VCI: LGK 12
(VCI = Association of the German Chemical Industry)

Other regulations, restrictions, and prohibition ordinances:

Not applicable.

16. Other Information

Denomination in Annex I of the Directive 96/82/EC: Not applicable.
(Control over dangers of disasters with hazardous substances)

The text of the R-phrases of section 3:

22	Harmful if swallowed
36/37/38	Irritating to eyes, respiratory system and skin

The information in this MSDS is correct to the best of our knowledge, information and belief at the date of its publication and is, in our opinion consistent with the state of general scientific and technical knowledge at that date, but we cannot except liability for a loss, injury or damage which may result from its use. In compiling this MSDS we have taken into account all proper application of the material of which we are aware and any user of the material should consult us before applying it to any novel or unusual use. We must section out that it is the responsibility of any intermediate supplier to ensure that the information contained in this MSDS is passed to the ultimate user.