

# Material Safety Data Sheet

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## 1. Product and Company Identification

**Brand:** ACCURAT  
**Series name:** ACCURAT SPORT (AGM batteries)  
**Manufacturer:** batterium GmbH  
Robert-Bosch-Straße 1, 71691 Freiberg am Neckar, Germany  
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[batterium.de](http://batterium.de)

### Models:

YTX5L-BS AGM

YTX7A-BS AGM

YTX7L-BS AGM

YTX9-BS AGM

YTX12-BS AGM

YTX14-BS AGM

YTX20L-BS AGM

YTX20CH-BS AGM

YTZ10-BS AGM

YT12B-BS AGM

YT7B-BS AGM

YTX16-BS AGM

YTX20HL-BS AGM

YTX4L-BS AGM

YTZ7S-BS AGM

YT9B-BS AGM

YT12A-BS AGM

YTZ14S-BS AGM

YT14B-BS AGM

YTX16-BS-1 AGM

YTX20-BS AGM



## 2. Composition / Information on Ingredients

Component	Concentration	CAS No.	EC No.
Sulfuric Acid	37 - 40%	7664-93-9	231-639-5
Water	60 - 63%	7732-18-5	231-791-2

## 3. Hazards Summary

<b>Hazard statements:</b>	H314 Causes severe skin burns and eye damage.
<b>Precautionary statements:</b>	<p>P260 Do not breathe dust/fumes/gas/mist/vapours/spray.</p> <p>P264 Wash thoroughly after handling.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P301+P330+P331 Ingestion: Rinse mouth and drink large quantities of water. Do not induce vomiting. Seek medical attention immediately.</p> <p>P303+P361+P353 Skin or hair contact: Remove contaminated clothing. Flush the exposed skin with large amounts of water for 15 minutes. If symptoms persist, seek medical attention.</p> <p>P304+P340 Inhalation: Remove person to fresh air and ensure normal breathing. If breathing difficulties develop, seek medical attention.</p> <p>P305+P351+P338 Eye contact: Rinse eyes cautiously with clean, cool, running water for 15 minutes. Remove any contact lenses if present and easily possible. Do not use eye drops or other medication unless advised to do so by a doctor. Seek immediate medical attention after rinsing.</p> <p>P310 Immediately call a poison center or doctor.</p> <p>P363 Wash contaminated clothing before reuse.</p> <p>P405 Store safely and securely locked up.</p> <p>P501 Dispose of contents and container in accordance with local/regional/national/international regulations.</p>

## 4. First Aid Measures

<b>Inhalation:</b>	Move the affected person to fresh air. If they are not breathing, administer artificial respiration. Seek medical attention.
<b>Skin contact:</b>	Immediately remove contaminated clothing and shoes. Wash off affected area with soap and plenty of water. Consult a physician.
<b>Eye contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes. Consult a physician.
<b>Ingestion:</b>	Do not induce vomiting. Rinse mouth and drink plenty of water. Do not administer anything by mouth to an unconscious person. Consult a physician.

## 5. Fire Fighting Measures

Hazardous products of combustion:	Sulphur oxides
Extinguishing method:	Use water spray, alcohol-resistant foam, dry chemical extinguisher or carbon dioxide.
Special protective equipment:	Wear a self-contained breathing apparatus for fire fighting if necessary.

## 6. Accidental Release Measures

### Personal precautions

Use personal protective equipment. Ensure adequate ventilation. Avoid breathing vapors, mists or gas. Evacuate personnel to safe areas.

### Environmental precautions

Prevent further leakage or spillage if it is safe to do so. Do not allow any leakage to enter sewers or waterways.

### Methods for cleaning up accidentally released material

Soak any spilled contents up with an inert absorbent material and dispose of it as hazardous waste. Keep the waste in suitable, closed containers for disposal.

## 7. Handling and Storage

**Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapours or mist.

**Storage:** Store the container tightly closed in a cool, dry, well-ventilated place. Open containers must be carefully resealed and kept upright to prevent leakage.

## 8. Exposure Controls/Personal Protection

Engineering Controls:	Safety shower and eye bath. Mechanical exhaust ventilation required.
Respiratory protection:	Use a full-face, supplied air respirator.
Eye protection:	Wear protective goggles.
Hand protection:	Wear chemical resistant gloves.
Body protection:	Protective work clothing.

## 9. Physical and Chemical Properties

Appearance:	Colorless transparent liquid
Odor:	N/A
Odor threshold:	N/A
ph value:	N/A
Melting / freezing point:	10.5°C
Initial boiling point and boiling range:	330°C

Flash point (°C)(closed cup):	N/A
Evaporation rate:	N/A
Flammability:	N/A
Upper explosive limit % (V/V):	N/A
Lower explosive limit % (V/V):	N/A
Vapor pressure (MPa):	N/A
Vapor density:	3.4 g/ml
Relative density:	1.28 to 1.32 g/cm <sup>3</sup>
Solubility:	N/A
Octanol / water partition coefficient:	N/A
Auto-ignition temperature (°C):	N/A
Decomposition temperature (°C):	N/A
Viscosity (m <sup>2</sup> /s):	N/A

## 10. Stability and Reactivity

Reactivity:	N/A
Chemical stability:	Stable under recommended conditions.
Possibility of hazardous reactions:	N/A
Conditions to avoid:	N/A
Incompatible materials:	Bases, halides, organic materials, carbides, fulminates, nitrates, picrates, cyanides, chlorates, alkali.
Hazardous decomposition products:	N/A

## 11. Toxicological Information

Accute toxicity:	N/A
Skin corrosion/irritation:	N/A
Serious eye damage/irritation:	N/A
Respiratory or skin sensitization:	N/A
Germ cell mutagenicity:	N/A
Carcinogenicity:	N/A
Reproductive toxicity:	N/A
Specific target organ toxicity - single exposure:	N/A
Specific target organ toxicity - repeated exposure:	N/A
Aspiration hazard:	N/A

## 12. Ecological Information

Ecotoxicity: N/A  
 Biodegradability: N/A  
 Abiotic degradation: N/A  
 Bioaccumulation: N/A  
 Other hazards: N/A

## 13. Disposal Considerations

Property of waste: N/A  
 Methods of disposal: Dispose of in a manner consistent with federal, state, and local regulations.  
 Precautions of disposal: N/A

## 14. Transport Information

UN number: 2796  
 UN proper shipping name: SULPHURIC ACID with not more than 51% acid  
 Transportation primary hazard class: 8  
 Transportation secondary hazard class: N/A  
 Packing group: 11

## 15. Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Sulfuric Acid	X	X	X	✓
Water	✓	✓	✓	✓

CHINA China Inventory of Existing Chemical Substances  
 TSCA United States Toxic Substances Control Act Section 8(b) Inventory  
 ENCS Japan Existing and New Chemical Substances  
 EINECS European Inventory of Existing Commercial Chemical Substances  
 X The substance is included in the according regulations.  
 ✓ The substance is not included in the according regulations / no data is available.

## 16. Other Information

The information given above is provided in good faith based on present knowledge and does not constitute an assurance of safety under all conditions. It's the users responsibility to observe all laws and regulations applicable. We make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or expemplary damages, howsoever arising, even if we have been advised of the possibilty of such damages. If there are any queries, the supplier should be consulted. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.