



BMP

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Safety data sheet

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BMP AUW-SHA

Dated / Revised: 15/02/2010

Printed on 29/03/2011

Revision: 1

1. Substance/preparation and company identification

BMP AUW-SHA

Use: auxiliary / enhancing agent for leather industry

Company:

QUÍMICA TEXTIL Y CUERO, S.L.
Pol. Industrial El Muladar, 12.
30430 – Cehegín (España)
Telephone: +34 968 740238
Telefax number: +34 968 742310
E-mail address: info@bmp-qtc.es

Emergency information:

Telephone: +34 968 740238

2. Hazard identification

HAZARDOUS SUBSTANCE, DANGEROUS GOOD
C CORROSIVE.
R 21/22 - 36/37/38 – 41 – 43 – 50.
S 36/37/39 – 26.

Wear suitable protective clothing, gloves and eye/face protection.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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3. Composition/information on ingredients

Chemical nature

Hazardous ingredients

according to Directive 1999/45/EC

Ammonium sulphate Cas number 7783-20-2
Content (W/W): ≤ 1.0 %

Hydroxylammonium sulphate
Cas number 10039-54-0
Content (W/W): > 99 %

4. First-aid measures

General advice:

Remove contaminated clothing.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention.

Note to physician:

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting measures

Suitable extinguishing media:

water spray, dry extinguishing media, foam, carbon dioxide

Specific hazards:

irritant gases/vapours

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Special protective equipment:

Wear self-contained breathing apparatus and chemical-protective clothing.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Ensure adequate ventilation. Use personal protective clothing. Breathing protection required.

Handle in accordance with good industrial hygiene and safety practice. Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions:

Discharge into the environment must be avoided. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For large amounts: Pump off product.

For residues: Pump off large amounts. Contain with absorbent material (e.g. sand, silica gel, acid binder, general purpose binder, sawdust). Dispose of absorbed material in accordance with regulations.

7. Handling and storage

Handling

Ensure thorough ventilation of stores and work areas. Handle in accordance with good industrial hygiene and safety practice. Processing machines must be fitted with local exhaust ventilation.

Protection against fire and explosion:

No special precautions necessary.

Storage

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Protect from temperatures below: 0 °C

Protect from temperatures above: 40 °C

8. Exposure controls and personal protection

Components with workplace control parameters

no exposure standard allocated

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Personal protective equipment

Respiratory protection:

Respiratory protection in case of vapour/aerosol release. Gas filter for gases/vapours of organic compounds (boiling point >65 °C, e. g. EN 14387 Type A) Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand protection:

Chemical resistant protective gloves (EN 374)

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other
Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

General safety and hygiene measures:

Wearing of closed work clothing is required additionally to the stated personal protection equipment.
Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Form:	Crystalline
Odour:	Odourless
pH value:	3.6 (10 gr/l, 20 °C)
Density:	1.1 g/cm ³ (20 °C)
Solubility in other solvents:	370 gr/kg

10. Stability and reactivity

Corrosion to metals: steel

Hazardous reactions:

No hazardous reactions if stored and handled as prescribed/indicated.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

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11. Toxicological information

Acute toxicity

LD50 rat (oral): 642 mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation

Primary skin irritation rabbit: Corrosive.

Primary irritations of the mucous membrane rabbit: Corrosive.

12. Ecological information

Ecotoxicity

Toxicity to fish:

LC50 (96 h) > 100 mg/l, Brachydanio rerio (OECD 203; ISO 7346; 84/449/EEC, C.1)

Analogous: Assessment derived from products with similar chemical character.

Microorganisms/Effect on activated sludge:

EC50 > 100 mg/l (DIN EN ISO 8192-OECD 209-88/302/EEC, P. C)

Analogous: Assessment derived from products with similar chemical character.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

The product has not been tested. The statement has been derived from the properties of the individual components.

Elimination information:

> 80 % (OECD Guideline 302 B)

sum parameter

Chemical oxygen demand (COD): approx. 174 mg/g

Other adverse effects

Adsorbable organically-bound halogen (AOX):

This product contains no organically-bound halogen.

13. Disposal considerations

Contaminated packaging:

Uncontaminated packaging can be re-used.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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14. Transport information

Domestic transport:

Hazard class: 8
Packing group: III
ID number: UN 2865
Hazard label: 8
Proper shipping name: HYDROXYLAMINE SULPHATE

Further information

Hazchem Code:2X

IERG Number:37

Sea transport

IMDG

Hazard class: 8
Packing group: III
ID number: UN 2865
Hazard label: 8
Marine pollutant: YES
Proper shipping name: HYDROXYLAMINE SULPHATE

Air transport

IATA/ICAO

Hazard class: 8
Packing group: III
ID number: UN 2865
Hazard label: 8
Proper shipping name: HYDROXYLAMINE SULPHATE

15. Regulatory information

Poisons Schedule: Not scheduled

Regulations of the European union (Labelling)**EEC Directives:**

Hazard symbol(s)
C Corrosive.

R-phrases(s)

