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1 Identification of the substance/preparation and of the company/undertaking**· Product details****· Trade name:** Emtex® U 894**· Article number:** 031020**· Application of the substance / the preparation** Fire retarding agent**· Manufacturer/Supplier:**

Weserland GmbH

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e-mail: info@weserland.euwww.weserland.eu**· Further information obtainable from:**Quality / environment department, Mr. Ehrle, email: ehrle@weserland.eu**· Information in case of emergency:**

Due operating hours

Dept. Quality/Environment

Phon +49 511 97997-36

or Phon +49 511 97997-0

2 Hazards identification**· Hazard description:** Not applicable.**· Information concerning particular hazards for human and environment:**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients**· Chemical characterization****· Description:** Powder-form mixture of different anorganic compounds with an organic nitrogen compound.**· Dangerous components:** Void**· Additional information:** For the wording of the listed risk phrases refer to section 16.**4 First aid measures****· General information:** No special measures required.**· After inhalation:** Supply fresh air; consult doctor in case of complaints.**· After skin contact:** Immediately wash with water and soap and rinse thoroughly.**· After eye contact:** Rinse opened eye for several minutes under running water.**· After swallowing:**

If symptoms persist consult doctor.

If swallowed, rinse mouth with water (only if the person is conscious).

5 Fire-fighting measures**· Suitable extinguishing agents:**CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**· Special hazards caused by the substance, its products of combustion or resulting gases:**

In case of fire, the following can be released:

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

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Sulphur dioxide (SO₂)

Ammonia (NH₃)

- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information** Product is not flammable.

6 Accidental release measures

- **Person-related safety precautions:** Avoid formation of dust.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:**
Dust can combine with air to form an explosive mixture.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store dry and cool, protect from frost.
+5 - +30°C

* 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
Dust
MAK/TLV/WEL value inhalable fraction): 4 mg/m³
MAK/TLV/WEL value (fine dust): 3 mg/m³
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:**
Necessary only if the dust WEL/LLV-value is exceeded. If formation of dust (mist, aerosols) occurs, use proper filtering device (e.g. particle filter type P, colour: white).
- **Protection of hands:**



Protective gloves

- **Material of gloves**
Rubber gloves
(EN 374)
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**
Goggles recommended during refilling
Safety glasses
(EN 166)

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- **Body protection:**
Protective work clothing
(EN 344)

9 Physical and chemical properties

· General Information

Form:	Powder
Colour:	White
Odour:	Odourless

· Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** No data available.

· **Density at 20°C:** ~ 1.7 g/cm³

· **Solubility in / Miscibility with water:** Soluble.

· **pH-value (100 g/l) at 20°C:** 7 - 9

· **Solvent content:**
Organic solvents: 0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:**
Carbon monoxide and carbon dioxide
Nitrogen oxides (NO_x)
Sulphur dioxide
Ammonia (NH₃)

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No data available.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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12 Ecological information**· General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations**· Product:**

· **Recommendation** Smaller quantities can be disposed of with household waste.

· Uncleaned packaging:

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

· **Land transport ADR/RID (cross-border)**

· **ADR/RID class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Marine pollutant:** No

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** -

· **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information**· Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

· Safety phrases:

22 Do not breathe dust.

36 Wear suitable protective clothing.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** Quality / env. dept.

· **Contact:** Mr. Ehrle, email ehrle@weserland.eu

· *** Data compared to the previous version altered.**

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