

Safety Data Sheet		Article 31
as per 1907/2006/EC		SDS-No. 008_E
Written on:	03.02.2012	Seite 1 of 5
Revised on:	02.08.2012	
Trade Name:		
Weller sal amoniac stone		

1	Identification of the substance/preparation and of the company/undertaking	
	Production specifications:	sal amoniac stone size 0 - 5
	Trade Name:	LS 25 Ord.-No. 005 40 028 99 WLS 20-65 Ord.-No. 005 40 094 99
	Manufacturer/supplier:	Weller Tools GmbH, Carl-Benz-Str. 2, 74354 Besigheim Tel: +49 7143 580-0, Fax: +49 7143 580-108
	Information supplied by:	Environmental Protection Department Tel.: +49 7143 580 101, Fax: +49 7143 580 108
	Emergency Phone:	GIZ Mainz Tel.: +49 6131 - 19240

2 Hazards identification

Classification of the substance or mixture

Hazard description:



Xn Harmful

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 22 Harmful if swallowed.

R 36 Irritating to eyes.

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

GHS label elements



Warning

H302 - Harmful if swallowed.

H319 - Causes serious eye irritation.

Prevention:

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash thoroughly after handling.

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/ information on ingredients

Chemical characterization

Description: Mixture: consisting of the following components.

Dangerous components:

CAS: 12125-02-9	ammonium chloride	Xn, Xi; R 22-36	<95%
EINECS: 235-186-4		Warning: 3.1.O/4, 3.3/2	

Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

General information:

Immediately remove any clothing soiled by the product.

Take affected persons out of danger area and lay down.

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. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Induce vomiting, if person is conscious. Seek medical help.

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5 Fire-fighting measures

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

· **Person-related safety precautions:**

Ensure adequate ventilation

Use respiratory protective device against the effects of fumes/dust/aerosol.

- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Dispose contaminated material as waste according to item 13.

7 Handling and storage

· **Handling:**

· **Information for safe handling:**

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

- **Information about fire - and explosion protection:** Keep respiratory protective device available.

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** Store in a cool location.

· **Information about storage in one common storage facility:** Store away from foodstuffs.

Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.

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:

12125-02-9 ammonium chloride

WEL Short-term value: 20 mg/m³

Long-term value: 10 mg/m³

Additional information: The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Filter B

Filter P2

· **Protection of hands:**



Protective gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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· **Penetration time of glove material**

Value for the permeation: Level ≥ 6

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

9 Physical and chemical properties:

General Information

Form:	Solid
Colour:	Whitish
Odour:	Odourless
· Change in condition	
Melting point/Melting range:	340°C
Boiling point/Boiling range:	Undetermined
Flash point:	Not applicable
Ignition temperature:	Not determined
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Vapour Pressure (20°C)	<1.3 hPa
Density at 20°C:	Not determined
Bulk density at 20°C:	500 Kg/m ³
Solubility in / Miscibility with water:	376 g/l
Solvent content:	
Organic solvents:	0.0 %
pH-value (100 g/l) at 20°C:	5

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

· **Materials to be avoided:**

· **Dangerous reactions**

Reacts with strong acids and alkali.

Reacts with oxidizing agents.

· **Dangerous decomposition products:**

Ammonia

Hydrogen chloride (HCl)

11 Toxicological information

Information on toxicological effects

Acute toxicity:

- *LD/LC50 values relevant for classification:*

12125-02-9 ammonium chloride

Oral LD50 1650 mg/kg (rat)

Primary irritant effect:

on the eye: Irritating effect.

- **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful

Irritant

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12 Ecological information

- **Ecotoxicological effects:**
- **Remark:**
Harmful to water fleas
Harmful to algae
- **Additional 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

- **Waste treatment methods:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **European waste catalogue**
11 01 98* other wastes containing dangerous substances
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **ADR/RID class:** -
- **Danger code (Kemler):** -
- **UN-Number:** -
- **Packaging group:** -
- **Hazard label:** -
- **Special marking:** -
- **UN proper shipping name:** -
- **Limited Quantity (LQ)** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **UN-Number:** -
- **Label** -
- **Packaging group:** -
- **EMS-Number:** -
- **Marine pollutant:** No
- **Segregation groups** -
- **Proper shipping name:** -

- **Air transport ICAO-TI und IATA-DGR:**
- **ICAO/IATA-Class:** -
- **UN/ID Number:** -
- **Label** -
- **Special marking:** -
- **Packaging group:** -
- **Proper shipping name:** -

15 Regulatory information

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**
Xn Harmful
- **Hazard-determining components of labelling:**
ammonium chloride
- **Risk phrases:**
22 Harmful if swallowed.
36 Irritating to eyes.

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· **Safety phrases:**

- 2 Keep out of the reach of children.
- 13 Keep away from food, drink and animal feeding stuffs.
- 22 Do not breathe dust.
- 25 Avoid contact with eyes.
- 46 If swallowed, seek medical advice immediately and show this container or label.
- 56 Dispose of this material and its container to hazardous or special waste collection point.

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.

Relevant phrases

- 22 Harmful if swallowed.
- 36 Irritating to eyes.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

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

**The specifications are based on the present-day status of our knowledge,
but do not represent any assurance of product properties and are not a basis for any
contractual legal relationship.**

**Department issuing data sheet: Environmental Protection Department
Contact person: V. Heller**