

1 Identification of the substance/mixture and of the company/undertaking**· Product identifier**

· Trade name: **LIQUI POLISH MARBLE/GRANITE light, dark**

· Article number: 11800, 11805, 11810, 11815, 11820

· Relevant identified uses of the substance or mixture and uses advised against

· Application of the substance / the preparation Polishing agent/ Burnishing compound

· Details of the supplier of the safety data sheet

· Manufacturer/Supplier: AKEMI chemisch technische Spezialfabrik GmbH
Lechstrasse 28
D 90451 Nürnberg

Tel. +49(0)911-642960
Fax. +49(0)911-644456
e-mail info@akemi.de

· Information department: Laboratory

· Emergency telephone number: Product Safety Department AKEMI chemisch technische Spezialfabrik GmbH
Tel. +49(0)911-64296-59
Reachable during the following office hours:
Monday – Thursday from 07:30 a.m. to 16:30 p.m.
Friday from 07:30 a.m. to 13:30 p.m.

2 Composition/information on ingredients

· Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 1332-58-7	Kaolin	1-5%
EINECS: 310-127-6		

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

3 Hazards identification**· Classification of the substance or mixture**

The product is not classified according to the Globally Harmonized System (GHS).

· Classification according to Directive 67/548/EEC or Directive 1999/45/EC

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 was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

· Label elements

· Hazard-determining components of labelling:

Void

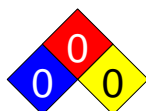
· Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations according to directives on hazardous materials.

· Safety phrases:

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point

· Classification system:
· NFPA ratings (scale 0 - 4)



Health = 0
Fire = 0
Reactivity = 0

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- HMSI-ratings (scale 0 - 4)

HEALTH	0
FIRE	0
REACTIVITY	0

Health = 0
Fire = 0
Reactivity = 0

- **Other hazards** The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

4 First aid measures

- **Description of first aid measures**
- General information: Take affected persons out into the fresh air.
No special measures required.
- After inhalation: Not applicable
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.

5 Firefighting measures

- **Extinguishing media**
- Suitable extinguishing agents: Not applicable
- **Special hazards arising from the substance or mixture** None
- **Advice for firefighters**
- Protective equipment: No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Product forms slippery surface when combined with water.
- **Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- Precautions for safe handling No special precautions are necessary if used correctly.
- Information about protection against explosions and fires: No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- Storage:
- Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: None.

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8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**

· Components with limit values that require monitoring at the workplace:

1332-58-7 Kaolin

PEL	15* 5** mg/m ³ *total dust **respirable fraction
REL	10* 5** mg/m ³ *total dust **respirable fraction
TLV	2* mg/m ³ E; as respirable fraction

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

· **Breathing equipment:**

Not required.

· **Protection of hands:**

Not required.

Preventive skin protection by use of skin-protecting agents is recommended.

· **Material of gloves**

Not applicable

· **Penetration time of glove material**

Not applicable

· **For the permanent contact gloves made of the following materials are suitable:**

Not applicable

· **Eye protection:**

Not required.

· **Body protection:**

Protective work clothing

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Fluid

Color: According to product specification

· **Odor:** Odorless

· **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100°C (212°F)

· **Flash point:** Not applicable.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Vapor pressure at 20°C (68°F):** 23 hPa (17 mm Hg)

· **Density at 20°C (68°F):** 1.6 g/cm³ (13.352 lbs/gal)

· **Solubility in / Miscibility with**

Water: Fully miscible.

· **Viscosity:**

Dynamic at 20°C (68°F): 1100 mPas

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· Solvent content:	
Organic solvents:	0.0 %

10 Stability and reactivity

- **Reactivity**
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- Acute toxicity:
- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information: The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

- **Toxicity**
- Acquatic toxicity: No further relevant information available.
- **Additional ecological information:**
- General notes: Do not allow product to reach ground water, water course or sewage system.
Water hazard class 1 (Self-assessment): slightly hazardous for water
- **Results of PBT and vPvB assessment**
- PBT: Not applicable.
- vPvB: Not applicable.

13 Disposal considerations

- **Waste treatment methods**
- Recommendation: Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- Recommendation: Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

14 Transport information

· DOT regulations:	
· Hazard class:	-

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· **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: -

· **UN "Model Regulation":**

-

· **Special precautions for user** Not applicable.

· **Transport/Additional information:**

Not dangerous according to the above specifications.

* **15 Regulatory information**

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· Sara

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

1344-28-1 aluminium oxide

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

· Proposition 65

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

1344-28-1 aluminium oxide

A4

1332-58-7 Kaolin

A4

· **MAK (German Maximum Workplace Concentration)**

1344-28-1 aluminium oxide

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· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

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· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

· Hazard-determining components of labelling:

Void

· Product related hazard informations:

Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations according to directives on hazardous materials.

· Safety phrases:

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point

· National regulations:

· Water hazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

· VOC USA

0.0 g/l

· **Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

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:**

Laboratory

· **Contact:**

Dieter Zimmermann

· **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
DOT: US Department of Transportation
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)
ACGIH: American Conference of Governmental Industrial Hygienists
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)