

# Material Safety Data Sheet

## According to 91/155 EEC

Printing date 13.02.2006

Reviewed on 13.02.2006

### 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Lusin Clean G 410
- **Application of the substance / the preparation** Cleaning agent/ Cleaner
- **Manufacturer/Supplier:**  
Chem-Trend (Deutschland) GmbH  
Ganghoferstr. 47  
D-82216 Maisach-Gernlinden  
Tel.: 0049 (0) 8142417-0  
Fax.: 0049 (0) 814215884
- **Further information obtainable from:** chemical documentation
- **Information in case of emergency:** 0049 (0) 8142417-169

### 2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Polymers mixture
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 3 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**  
Vapour during processing may be irritating to the respiratory tract and to the eyes.  
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.

### 4 First-aid measures

- **After inhalation:** Move to fresh air in case of accidental inhalation of vapours or decomposition products.
- **After skin contact:**  
After contact with the molten product, cool rapidly with cold water.  
Wash off with soap and plenty of water.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Treatment** Treat symptomatically.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
Water spray

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- Foam
- Fire-extinguishing powder
- Carbon dioxide
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
  - Hydrocarbons
  - Carbon monoxide (CO)
- **Protective equipment:**
  - Standard procedure for chemical fires.
  - Do not inhale explosion gases or combustion gases.
- **Additional information** Cool endangered receptacles with water spray.

### 6 Accidental release measures

- **Person-related safety precautions:** Particular danger of slipping on leaked/spilled product.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
  - Pick up mechanically.
  - Dispose of the material collected according to regulations.

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:**
  - Provide suction extractors if dust is formed.
  - Always use earthing leads when transferring from one container to another.
- **Information about fire - and explosion protection:**
  - Protect against electrostatic charges.
  - Keep away from combustible material.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
  - Store in cool, dry conditions in well sealed receptacles.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Store in dry conditions.

### 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:**
  - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Immediately remove all soiled and contaminated clothing
  - Avoid close or long term contact with the skin.
  - Be sure to clean skin thoroughly after work and before breaks.
- **Respiratory protection:** Breathing apparatus if dust is formed.
- **Protection of hands:** Preventive skin protection by use of skin-protecting agents is recommended.
- **Material of gloves**
  - 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**  
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
- **Body protection:** Light weight protective clothing

### 9 Physical and chemical properties

#### · General Information

<b>Form:</b>	Pellets
<b>Colour:</b>	Light grey
<b>Odour:</b>	Light

#### · Change in condition

Melting point/Melting range: &gt; 100°C

· <b>Flash point:</b>	not applicable
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· <b>Ignition temperature:</b>	470°C (DIN 51794)
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· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
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· <b>Density at 20°C:</b>	~ 1.0 g/cm <sup>3</sup>
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· <b>Solubility in / Miscibility with water:</b>	Insoluble.
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### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** Thermal decomposition can take place above 400 °C
- **Dangerous decomposition products:**  
Carbon monoxide and carbon dioxide  
Irritant gases/vapours

### 11 Toxicological information

#### · 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.

### 12 Ecological information

- **Ecotoxicological effects:**
- **Behaviour in sewage processing plants:** The product can be mechanically separated.
- **General notes:** Do not allow product to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Product:**
- **Recommendation** Can be incinerated in accordance with local and national regulations.
- **Waste disposal key:**  
For this product no waste disposal key according the European Waste Catalogue (EWC) can be determined, as only the purpose of application defined by the user enables an allocation. The waste code number has to be determined in accordance with the local waste disposer.

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- **Uncleaned packaging:**
- **Recommendation:**  
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

### 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not classified as dangerous according to the above specifications.

### 15 Regulatory information

- **Labelling according to EU guidelines:**  
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

### 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:** chemical documentation
- **Contact:** Tel.: +49 (0) 8142417-136
- **\* Data compared to the previous version altered.**

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