

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 26.06.2007

Revision: 01.06.2007

1 Identification of substance:

Product details:

Trade name: GRILAMID L 25 W 40 HL X SCHWARZ 9992

Article number: 126373

Application of the substance / the preparation Plastics processing industry

Manufacturer/Supplier:

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2 Hazards identification

Hazard designation:



Xn Harmful

Information pertaining to particular dangers for man 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 48/20/21 Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin.

3 Composition/information on ingredients

Chemical characterization

Description: Polyamide 12

Dangerous components:

CAS: 3622-84-2	N-butylbenzenesulphonamide	Xn; R 22-48/20/21	10-<25%
EINECS: 222-823-6			

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.

After inhalation

In case of unconsciousness bring patient into stable side position for transport.
Seek medical treatment 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 doctor.

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. **After swallowing** In case of persistent symptoms consult doctor.

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5 Fire fighting measures

- . **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- . **Special hazards caused by the material, its products of combustion or flue gases:**
Can be released in case of fire
Carbon monoxide (CO)
Hydrogen cyanide (HCN)
Sulphur dioxide (SO₂)
- . **Protective equipment:** No special measures required.

6 Accidental release measures

- . **Person-related safety precautions:** Not required.
- . **Measures for environmental protection:** No special measures required.
- . **Measures for cleaning/collecting:** Dispose of contaminated material as waste according to item 13.

7 Handling and storage

- . **Handling**
- . **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- . **Information about protection against explosions and fires:** No special measures required.
- . **Storage**
- . **Requirements to be met by storerooms and containers:** No special requirements.
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- . **Additional information about design of technical systems:** No further data; see item 7.
- . **Components with critical 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.
- . **Personal protective equipment**
- . **General protective and hygienic measures**
Keep away from foodstuffs, beverages and food.
Wash hands during breaks and at the end of the work.
- . **Breathing equipment:** Not necessary if room is well-ventilated.
- . **Protection of hands:** Protective gloves.
- . **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.
- . **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.

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. Eye protection: Safety glasses

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9 Physical and chemical properties:

. General Information

Form:	Granulate
Colour:	According to product specification
Smell:	Nearly odourless

. Change in condition

Melting point/Melting range:	170 - 180°C
Boiling point/Boiling range:	Not determined

. Flash point: Not applicable

. Self-inflammability: Product is not selfigniting.

. Danger of explosion: Product is not explosive.

. Density at 20°C > 1 g/cm³

. Solubility in / Miscibility with Water: Insoluble

10 Stability and reactivity

- . **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- . **Dangerous reactions** No dangerous reactions known
- . **Dangerous products of decomposition:** Sulphur dioxide

11 Toxicological information

. Acute toxicity:

. LD/LC50 values that are relevant for classification:

3622-84-2 N-butylbenzenesulphonamide

Oral	LD50	2050 mg/kg (rat)
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. Primary irritant effect:

- . **on the skin:** No irritant effect.
- . **on the eye:** No irritant effect.
- . **Sensitization:** No sensitizing effect known.
- . **Additional toxicological information:**

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

12 Ecological information:

- . **General notes:** Water hazard class 1 (I): slightly hazardous for water.

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13 Disposal considerations

- . **Product:**
- . **Recommendation** Hand over to disposers of hazardous waste.

. European waste catalogue	
07 02 13	waste plastic

- . **Uncleaned packagings:**
- . **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- . **Transport/Additional information:**
- Not dangerous according to the above specifications.
(ADR/RID/IMDG/IATA)

15 Regulatory information

- . **Designation according to EC guidelines:**
- The product has been classified and labelled in accordance with EC Directives.
- . **Code letter and hazard designation of product:**



Xn Harmful

- . **Hazard-determining components of labelling:**
- N-butylbenzenesulphonamide
- . **Risk phrases:**
- 48/20/21 Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin.
- . **Safety phrases:**
- 23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
- 36/37 Wear suitable protective clothing and gloves.
- 60 This material and its container must be disposed of as hazardous waste.
- . **National regulations**
- . **Water hazard class:** Water hazard class 1 (): slightly hazardous for water.

16 Other information:

The information contained herein 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 R-phrases**
- 22 Harmful if swallowed.
- 48/20/21 Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin.
- . **Department issuing data specification sheet:** Environment and safety department (U+S)

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

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