

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 SCHWARZ 9288**

. **Article number:** 150363

. **Application of the substance / the preparation** Plastics processing industry

. **Manufacturer/Supplier:**

EMS-CHEMIE AG CH-7013 Domat/Ems
Tel.:+41 81 632 79 80, Fax:+41 81 632 74 01
welcome@emsgrivory.com

. **Emergency information:**

EMS-CHEMIE AG CH-7013 Domat/Ems
Tel.:+41 81 632 61 11, Fax:+41 81 632 76 61
Toxikologisches Informationszentrum Schweiz Tel.:+41 44 251 51 51

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.

(Contd. on page 2)

Safety Data Sheet

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

(Contd. of page 1)

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.

(Contd. on page 3)

GB

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. Eye protection: Safety glasses

(Contd. of page 2)

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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Revision: 01.06.2007

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(Contd. of page 3)

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)

(Contd. on page 5)

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Trade name: GRILAMID L 25 W 40 SCHWARZ 9288

(Contd. of page 4)

Contact:

Doris Lüdi, Produktesicherheit
Tel.+41 81-632-6526, Fax +41 81-632-7470

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

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