

**EC safety data sheet**

Trade name: Giessharz-Polyol LG

Product no.: A7

Version: 1.0.0 / GB

Status: 27.07.2011

**1.) Identification of the substance/mixture and of the company/undertaking**

Trade name

**Giessharz-Polyol LG**

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

Relevant identified uses of the substance or mixture  
filler

Details of the supplier of the safety data sheet

Address

Cellpack GmbH  
Electrical Products  
Carl-Zeiss-Strasse 20  
79761 Waldshut-Tiengen  
Telephone no. +49 (0)7741 6007-0  
Fax no. +49 (0)7741 64989

Information provided by / telephone

+49 (0)7741 6007-0

Emergency telephone

For medical advice (in German and English):  
+49 (0)551 192 40 (Giftinformationszentrum Nord)

Advice on Safety Data Sheet

msds@cellpack.com

**2.) Hazards identification**

Classification of the substance or mixture

Classification in accordance with Directive 67/548/EEC or 1999/45/EC  
N; R51/53

Label elements

Labelling according to Directive 1999/45/CE

Hazard symbols

Dangerous for the  
environment

R phrases

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic  
environment.

S phrases

61 Avoid release to the environment. Refer to special instructions / Safety data sheets.

**3.) Composition / information on ingredients**

Chemical characterization

Mixture (preparation)

Hazardous ingredients

**DIETHYLMETHYLBENZENEDIAMINE**

EC no.	270-877-4	Index no.	612-130-00-0	CAS no.	68479-98-1
Concentration	> 5	< 10	%-b.w.		
Classification	Xn; R48/22	Xn; R21/22	Xi; R36	N; R50/53	
Hazard symbols	Xn, N	R phrases	21/22-36-48/22-50/53		

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### 4.) **First aid measures**

#### **General information**

In all cases of doubt, or when sickness symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Remove soiled or soaked clothing immediately.

#### **After inhalation**

Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration. If unconscious place in recovery position and seek medical advice.

#### **After skin contact**

Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners !

#### **After eye contact**

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

#### **After ingestion**

Do not induce vomiting. Summon a doctor immediately. Never give anything by mouth to an unconscious person. Keep at rest.

### 5.) **Fire-fighting measures**

#### **Suitable extinguishing media**

Alcohol resistant foam, CO<sub>2</sub>, powders, water spray

#### **Extinguishing media that must not be used for safety reasons**

Full water jet

#### **Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

#### **Special protective equipment for fire-fighters**

Appropriate breathing apparatus may be required. Wear protective clothing.

#### **Other information**

Cool endangered containers with water in case of fire. DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES

### 6.) **Accidental release measures**

#### **Personal precautions**

Exclude sources of ignition and ventilate the area. Do not inhale vapours. Refer to protective measures listed in sections 7 and 8.

#### **Environmental precautions**

Do not allow to enter drains. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

#### **Methods for cleaning up/taking up**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see chapter 13). Clean preferably with a detergent; avoid use of solvents.

### 7.) **Handling and storage**

#### **Handling**

##### **Advice on safe handling**

Comply with the health and safety at work laws.

##### **Advice on protection against fire and explosion**

No special measures necessary.

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### Storage

#### Requirements for storage rooms and vessels

Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. No smoking. Prevent unauthorized access!; Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Advice on storage assembly

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

#### Further information on storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container dry in a cool, well-ventilated place. Protect from heat and direct sunlight. store at 15 - 30 °C.

## 8.) Exposure controls / personal protection

### Exposure limit values

N O N E

### Exposure controls

#### Occupational exposure controls

Provide good ventilation.

#### Personal protective equipment

#### Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

#### Hand protection

Use protective gloves (DIN EN 374). Please read the protective glove manufacturer's information relating to permeation rates and breakthrough times and the particular conditions at the workplace.

#### Eye protection

Use safety goggles.

#### Skin protection

Personal should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.

#### General protective and hygiene measures

Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Do not inhale vapours.

## 9.) Physical and chemical properties

### General information

Form	liquid
Colour	grey; light
Odour	characteristic

### Important health, safety and environmental information

#### Flash point

Value	> 150	° C
Method	ISO 2592	

#### Density

Value	1,03	g/cm <sup>3</sup>
Method	ASTM D 792	
Reference temperature	23	° C

#### Viscosity

Value	800	mPa*s
Method	ISO 2555	
Reference temperature	23	° C

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### Solubility in water

Remarks partly soluble

### Solvent content

Value < 0,5 %

## 10.) Stability and reactivity

### Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

### Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

## 11.) Toxicological information

### Other information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC). Product specific toxicological data are not known.

## 12.) Ecological information

### Other information

There are no data available on the preparation itself. For components which are dangerous for the environment see section 3. The product should not be allowed to enter drains or water courses.

## 13.) Disposal considerations

### Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

### Packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

## 14.) Transport information

### Transport ADR/RID/ADN

Class	9
Classification code	M6
Packing group	III
Hazard identification no.	90
UN number	3082
Technical name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Danger releasing substance	DIETHYLMETHYLBENZENEDIAMINE
Tunnel restriction code	E
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

### Transport IMDG

Class	9
Packing group	III
UN number	3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Danger releasing substance	DIETHYLMETHYLBENZENEDIAMINE
EmS	F-A+S-F

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Label	9
Marine pollutant mark	Symbol "fish and tree"
<b>Transport ICAO/IATA</b>	
Class	9
Packing group	III
UN number	3082
Proper shipping name	Environmentally hazardous substance, liquid, n.o.s.
Danger releasing substance	DIETHYLMETHYLBENZENEDIAMINE
Label	9
Environmentally hazardous substance mark	Symbol "fish and tree"

### 15.) Regulatory information

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

#### **EU regulations**

##### **Restriction of occupation**

Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

##### **Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances**

Remarks Annex I, part 2, category 9 b

### 16.) Other information

#### **Sources of key data used to compile the data sheet:**

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EC

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

#### **Full text of R-phrases referred to under section 3**

R21/22	Harmful in contact with skin and if swallowed.
R36	Irritating to eyes.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.