

243700

Revision: 11.04.2011  
Printing date: 07.07.2016

## 01 Identification of the substance/mixture and of the company/undertaking

- Product identifier
- Trade name:  
DL-Aminoglutethimide
- Article number:  
new: 4006364      old: Q-1020
- CAS Number:  
125-84-8
- EC number:  
204-756-4
- Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation  
Laboratory chemicals
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:  
Bachem AG  
Hauptstrasse 144  
CH-4416 Bubendorf  
Switzerland  
E-mail msds@bachem.com  
Tel +41 58 595 2021  
Fax +41 58 595 2040
- Further information obtainable from:  
Department: Marketing
- Emergency telephone number:  
+41 44 251 51 51 (Tox Info Suisse)

## \* 02 Hazards identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



GHS08

Repr. 1A - H360 May damage fertility or the unborn child.



GHS07

Acute Tox. 4 - H302 Harmful if swallowed.  
Skin Irrit. 2 - H315 Causes skin irritation.  
Eye Irrit. 2 - H319 Causes serious eye irritation.  
STOT SE 3 - H335 May cause respiratory irritation.

- Label elements
- Labelling according to Regulation (EC) No 1272/2008



GHS08



GHS07

- Signal word  
Danger
- Hazard statements

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- H360 May damage fertility or the unborn child.  
 H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.
- Precautionary statements
    - P201 Obtain special instructions before use.
    - P202 Do not handle until all safety precautions have been read and understood.
    - P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
    - P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
    - P403+P233 Store in a well-ventilated place. Keep container tightly closed.
    - P501a Dispose of contents/container in accordance with local/regional/ national/international regulations.
  - Other hazards
  - Results of PBT and vPvB assessment
  - PBT:
    - Not applicable.
  - vPvB:
    - Not applicable.

### 03 Composition/information on ingredients

- Chemical characterization: Substances
 

<b>CAS No.</b>	<b>Description</b>
125-84-8	DL-Aminoglutethimide
- Identification number(s)
- EINECS Number:
  - 204-756-4
- RTECS Number:
  - MA4026950

### 04 First aid measures

- General information:
  - Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- After inhalation:
  - In case of unconsciousness place patient stably in side position for transportation.
- After skin contact:
  - Immediately wash with water and soap and rinse thoroughly.
  - Seek immediate medical advice.
- After eye contact:
  - Rinse opened eye for several minutes under running water. Then consult a doctor.
  - Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
  - Call for a doctor immediately.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed
  - No further relevant information available.
- Indication of any immediate medical attention and special treatment needed
  - No further relevant information available.

### 05 Firefighting measures

- Suitable extinguishing agents:
  - CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture
  - No further relevant information available.
- Advice for firefighters
- Protective equipment:
  - No special measures required.

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## 06 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  - Avoid formation of dust.
  - Use respiratory protective device against the effects of fumes/dust/ aerosol.
  - Wear protective clothing.
- Environmental precautions:
  - Suppress gases/fumes/haze with water spray.
- Methods and material for containment and cleaning up:
  - Dispose contaminated material as waste according to item 13.

## 07 Handling and storage

- Handling:
  - Precautions for safe handling
    - Open and handle receptacle with care.
    - Prevent formation of dust.
  - Information about fire - and explosion protection:
    - Keep respiratory protective device available.
- Storage:
  - Requirements to be met by storerooms and receptacles:
    - No special requirements.
  - Information about storage in one common storage facility:
    - Store away from foodstuffs.
  - Further information about storage conditions:
    - Keep container tightly sealed.
    - Store in dry conditions.
  - Recommended storage temperature:
    - +5 +/- 3 °C
- Specific end use(s)
  - No further relevant information available.

## 08 Exposure controls/personal protection

- Ingredients with limit values that require monitoring at the workplace:
  - Not required.
- Additional information:
  - The lists valid during the making were used as basis.
- Personal protective equipment:
  - General protective and hygienic measures:
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing
    - Store protective clothing separately.
    - Avoid contact with the eyes and skin.
  - Respiratory protection:
    - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
  - Protection of hands:
    - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
    - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
    - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
    - 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.
  - Eye protection:
    - Safety glasses
    - Tightly sealed goggles

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## 09 Physical and chemical properties

### General Information

#### Appearance:

<b>Form:</b>	Powder
<b>Colour:</b>	Whitish
<b>Odour:</b>	Nearly odourless
<b>Odour threshold:</b>	Not determined.
<b>Molecular Weight</b>	232,2800 g/mol

#### Change in condition

<b>Melting point/Melting range:</b>	153 °C
<b>Boiling point/Boiling range:</b>	Undetermined.
<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	
<b>Decomposition temperature:</b>	Not determined.
<b>Self-igniting:</b>	Not determined.
<b>Danger of explosion:</b>	Not determined.

#### Explosion limits:

<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density:</b>	Not determined.

#### Solubility in / Miscibility with water:

Not determined.

#### Viscosity:

<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.

#### Other information

No further relevant information available.

## 10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:  
No decomposition if used according to specifications.
- Possibility of hazardous reactions  
No dangerous reactions known.
- Conditions to avoid  
No further relevant information available.
- Incompatible materials:  
No further relevant information available.
- Dangerous decomposition products:  
No dangerous decomposition products known.

## 11 Toxicological information

- Acute toxicity:  
No further relevant information available.
- LD/LC50 values relevant for classification:  
**125-84-8 DL-Aminoglutethimide**  
Oral, LD50: 1800 mg/kg (rat)
- Primary irritant effect:
- on the skin:  
Irritant to skin and mucous membranes.
- on the eye:  
Irritating effect.

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- Sensitization:  
No sensitizing effects known.

## 12 Ecological information

- Aquatic toxicity:  
No further relevant information available.
- Persistence and degradability  
No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential  
No further relevant information available.
- Mobility in soil  
No further relevant information available.
- Additional ecological information:
- General notes:  
Not known to be hazardous to water.
- Results of PBT and vPvB assessment
- PBT:  
Not applicable.
- vPvB:  
Not applicable.
- Other adverse effects  
No further relevant information available.

## 13 Disposal considerations

- Waste treatment methods
- Waste disposal key:  
18 02 05
- Uncleaned packaging:
- Recommendation:  
Disposal must be made according to official regulations.

## 14 Transport information

- ADR/RID class:** -
- IMDG Class:** -
- ICAO/IATA Class:** -
- Environmental hazards:  
Not applicable.
  - Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code  
Not applicable.

## 15 Regulatory information

- 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:  
Department: Marketing

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Safety data sheet  
according to 1907/2006/EC, Article 31

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- 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
  - IATA: International Air Transport Association
  - ICAO: International Civil Aviation Organisation
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - RTECS: Registry of Toxic Effects of Chemical Substances
- \* Data compared to the previous version altered.