



Date: 24.07.2014

## 1. Identification of substance/preparation and company

### 1.1 Product details

Product name: LD 100 A

1.2 Use of the substance / preparation: Insecticide

### 1.3 Identification of the manufacturer:

Pesttrappa  
Whittington Way  
Old Whittington  
Chesterfield  
S41 9AG

### 1.4 Information in case of emergency:

Tel.: 01246 264635 (during working hours)

## 2. Composition/information on ingredients

### 2.1 Classification of the substance or mixture according to the regulation (EG) no. 1272/2008

Aquatic acute 1 H400 Very toxic to aquatic life  
Skin sens. 1 H317 May cause an allergic skin reaction

#### Guideline 67/548/EWG respectively 1999/45/EG

N; R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
Xn; R43 May cause sensitisation by skin contact  
R68 Possible risk of irreversible effects

#### Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the last valid version.

#### Classification system:

The classification complies with current EC lists, and was expanded upon the literature and company information.

### 2.2 Label elements

#### Regulation no. 1272/2008:



Signalword: Danger

#### Hazard determining component(s) of labeling:

Azamethiphos

#### Hazards:

H371 May cause damage to organs  
H317 May cause an allergic skin reaction  
H400 Very toxic to aquatic life

#### Safety instructions:

P102 Keep out of reach of children  
P103 Read label before use  
P260 Do not breathe dust/fume/gas/mist/vapours/spray



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P270 Do not eat, drink or smoke when using this product  
P273 Avoid release to the environment  
P280 Wear protective gloves/protective clothing/eye protection/face protection  
P302+P352 IF ON SKIN: Wash with soap and water  
P405 Store locked up  
P501 Dispose of contents/container according to regulations.

**2.3 Other hazards**







This mixture does not fulfill the criteria for classification as PBT or vPvB

**3. Složení / informace o složkách**

**3.1 Substance**

This product is a mixture

**3.2 Mixtures**

CAS: 35575-96-3 EINECS: 252-626-0	Azamethiphos  T; R23  Xn; R22, R43  N; R50	 Acute Tox. 3 (inhalation) ; H331  Acute Tox. 4 (oral) ; H302 Skin sens. 1 ; H317  Aquatic Acute 1 ; H400	10%
CAS: 14807-96-6 EINECS: 238-877-9	Talkum		AD

**Additional notes:** For the wording of the mentioned risk phrases refer to chapter 16.

**4. First aid measures**

**4.1 Description of first aid measures**

**General advice:**

Consult a doctor.

**After inhalation:**

seek for fresh air, in case of unconsciousness call for a doctor

**After skin contact:**

immediately wash with soap and water

**After eye contact:**

rinse opened eyes several minutes under running water (> 15 minutes) and call for a doctor

**After ingestion:**

flush the mouth with plenty of water, drink a lot and call for a doctor. Do not induce vomiting.

**4.2 The most important acute and delayed symptoms and effects**

no further information available

**4.3 Indication of any immediate medical attention and special treatment**

symptomatic treatment



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## 5. Fire fighting measures

### 5.1 Extinguishing agents

#### Appropriate extinguishing agents:

All extinguishing agents can be used

**For safety reasons unsuitable extinguishing agents:** not known

### 5.2 Special hazards arising from the substance or mixture

### 5.3 Instructions for firefighters

Do not enter the fire area without proper protective equipment, including respiratory protection. Be careful when fighting any chemical fire. To cool exposed containers use a water jet spray or fog.

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Notes for non-emergency staff: Dispersed material should be collected up by trained cleaning staff, by wearing suitable respiratory and eye protection.

### 6.2 Environmental precautions:

Prevent from entering into groundwater / drains / surface water.  
Prevent from entering into subsoil / soil.

### 6.3 Methods of cleaning / absorption:

Pick up mechanically. Dispose contaminated material as waste according to item 13.

### 6.4 Reference to other sections:

Information on personal protective equipment please see section 7, 8.  
Information about waste treatment please see section 13.

## 7. Handling and storage

### 7.1 Precautions for safe handling

The product has to be used only as an insecticide according to the instructions for use.

Always read the label and product information before use.

Misuse may cause a health hazard.

Keep out of the reach of children.

Avoid formation of dust.

Do not breathe dust.

Keep out of the reach of pets.

Remove contaminated clothing immediately.

Use only in well ventilated areas.

Avoid release to the environment.

### Information about fire and explosion protection:

### 7.2 Conditions for safe storage with consideration of incompatibilities

#### Storage:

#### Requirements for storage rooms and vessels:

The regulations for the storage of water-hazardous substances must be observed.

Store in a cool and well ventilated place in the original packaging.



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**Advice on common storage:** Keep away from foodstuffs, beverages and feed.

**Further information about storage conditions:**

**Storage class:**

**7.3 Specific end use:** No further relevant information available.

## 8. Exposure control and personal protection

**Additional information about design of technical systems:**

### 8.1 Monitoring parameters

Not known.

### Community limits

The product does not contain any relevant quantities of materials with critical values that have to be monitored.

### 8.2 Limitation and monitoring of exposure / Personal Protective equipment

#### General protective and hygienic measures:

The usual precautionary measures for handling with chemicals should be followed.

Do not inhale dust.

Remove contaminated clothing immediately.

Wash hands before breaks and at the end of work.

Do not eat, drink, smoke or take drugs during work.

**Respiratory protection:** In case of insufficient ventilation use a respiratory mask with filter ABEK.

**Hand protection:** Solvent- and alkali-resistant protective gloves according to EN 374.

**Eye protection:** Safety glasses with side-shields conforming to EN 166:2001.

**Skin protection:**

## 9. Physical and chemical properties

### 9.1 General information

<b>Form:</b>	powder
<b>Colour:</b>	white
<b>Smell:</b>	characteristic
<b>pH-value at 20°C:</b>	6,91
<b>Boiling point:</b>	not determined
<b>Melting point:</b>	not determined
<b>Density at 20°C:</b>	0,816g/ml
<b>Vapour pressure at 20°C:</b>	not determined
<b>Ignition point:</b>	not determined
<b>Ignitability:</b>	not determined
<b>Solvent concentration:</b>	not determined
<b>Elusive parts:</b>	not determined
<b>Viscosity:</b>	not determined
<b>Water solubility:</b>	not determined
<b>Flash point (°C):</b>	350°C
<b>Explosion limits:</b>	not determined
<b>Decomposition temperature:</b>	not determined

## 10. Stability and reactivity

### 10.1 Reactivity



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### 10.2 Chemical stability

The product is chemically stable under normal ambient conditions (room temperature).

**Thermal decomposition / conditions to be avoided:**

### 10.3 Possibility of hazardous reactions

When properly used, no hazardous reactions are expected.

### 10.4 Conditions to avoid

moisture

### 10.5 Incompatible materials

No incompatible materials are known

### 10.6 Hazardous decomposition products:

No hazardous decomposition products are known.

## 11. Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity:**

CAS: 35575-96-3 Azametiphos		
Oral	LD50	500 (rat)
Dermal	LD50	>2000 (rat)
Inhalative	LD50	0,5-1 (rat)

### Primary irritant effect

**On the skin:** not known

**On the eye:** not known

**Sensitization:** not known

### Repeated dose toxicity

**Carcinogenicity**

**Mutagenicity**

**reproductive toxicity**

### Additional information:

The toxicological classification of the mixture is based on the results of the calculation method (conventional method) of the Dangerous Preparations Directive 1999/45/EC. According to the manufacturer's experience no further hazards, except mentioned on label, can be expected.

## 12. Ecological information

### 12.1 Toxicity

48 hours-EC50 - Daphnia magna: 0,00033 [mg/l]

IC50 72h Algae: 33 [mg/l]

LC50-96 hours – fish: 0,19 [mg/l]

### 12.2 Persistence and degradability

Hydrolysis pH 9 : <1day

### 12.3 Bioaccumulative potential

no further relevant information available

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#### 12.4 Mobility in soil

avoid release into the environment

#### 12.5 Results of PBT and vPvB

PBT: not applicable.

vPvB: not applicable.

#### 12.6 Other harmful effects

no further relevant information available

### 13. Disposal recommendations

#### 13.1 Waste treatment methods

Hazardous waste according to European Waste Catalogue (EWC). If recycling is not possible dispose waste in compliance with local authority.

##### Recommendation:

Do not dispose together with household wastes. Avoid enter into drains. Must be disposed in compliance with local regulations.

##### Contaminated packaging:

##### Recommendation:

Contaminated packaging must be emptied. Contaminated packaging must be assigned to a hazardous waste collection center or brought to a household hazardous waste collection site. Uncontaminated and cleaned packaging can be reused.

### 14. Transport information

#### 14.1 Land Transport ADR/RID and GGVS/GGVE (cross-border/inland)



ADR/RID-GGVS/E-class:

9

Kemler number:

UN number:

UN 3077

Packing group:

III

Description of goods:

ENVIRONMENTALLY HAZARDOUS  
SUBSTANCE, SOLID, N.A.G. (Azamethiphos TECH 95%)

#### 14.2 sea transport IMDG/GGV sea

IMDG/GGVS sea-class:

UN-number:

Label:

Packing group:

EMS-number:

Right technical name:

#### 14.3 Air transport ICAO-TI and IATA-DGR:

ICAO/IATA-class:

UN/ID-number:

Packing group:

Right technical name:



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## 15. Regulatory information

### 15.1 Safety, health and environmental regulations / legislation for the substance or mixture

EU regulations

Regulation (EC) No 1005/2009 (substances that lead to the degradation of the ozone layer):

Regulation (EC) No 850/2004 (Persistent Organic Pollutants):

Regulation (EC) No 689/2008 (export and import of dangerous chemicals):

Regulation (EC) No 648/2004 (the Detergents Regulation):

Authorizations given under Title VII of Regulation (EC) No 1907/2006: no

Restrictions under Title VIII of Regulation (EC) No 1907/2006:

#### National regulations:

#### Water hazard class:

#### Reference to Technical Rules for Hazardous Substances (Technical Rule)

#### Solvent regulation (31 BImSchV)

**15.2 Chemical safety assessment:** a Chemical Safety Assessment has not been performed

## 16. Other information

### Literature and data sources

#### Regulations

Preparations Directive (1999/45/EC), as last amended by Directive 2013/21/EU.

Substances Directive (67/548/EEC), as last amended by Directive 2013/21/EU.

REACH Regulation (EC) No 1907/2006, as last amended by Regulation (EU) No 348/20 13

CLP Regulation (EC) No 1272/2008, as last amended by Regulation (EU) No 487/20 13

#### Internet

1 <http://www.baua.de>

2 <http://www.arbeitssicherheit.de>

3 <http://www.gestis.itrust.de>

4 <http://www.logkow.cisti.nrc.ca>

5 <http://www.gischem.de>

#### Hazards referring to reference sections 2 and 3 according to the regulation (EC) No 1272/2008:

H302 Harmful if swallowed

H317 Causes mild skin irritation

H331 Toxic if inhaled

H400 Very toxic to aquatic life

R22 Harmful if swallowed

R23 Toxic by inhalation

R43 May cause sensitisation by skin contact

R50 Very toxic to aquatic organisms

#### Methods in accordance with Article 9 of regulation (EC) no 1272/2008 to assess the information for classification purposes:

Classification according to Regulation (EC) No 1272/2008, Annex VII (conversion table)

#### Legend:

ADR European Agreement available via the international carriage of dangerous good on the road

BImSchV Regulation for implementing the Federal Pollution Control Act

CAS Chemical Abstracts Service

DIN German Institute for Standardization

**Safety Data Sheet**  
**According to EG Directive 91/155/EWG**



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EC Effective concentration  
EC European Community  
EN European Standard EN  
IATA International Air Transport Association Dangerous Goods Regulations  
IBC Code International Code for the construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk  
ICAO-TI International Civil Aviation Organization Technical Instructions  
IMDG Code International Maritime Code for Dangerous Goods  
ISO Norm of International Standards Organization  
IUCLID International Uniform Chemical Information Database  
LC Lethal concentration  
LD Lethal Dose  
log Kow Partition coefficient between octanol and water  
n.b. not determined  
n.z. not applicable  
MARPOL Maritime Pollution Convention  
OECD Organisation for Economic Co-operation and Development  
PBT persistent, bioaccumulation, toxic  
RID order for the International Carriage of Dangerous Good  
Technical Rule Technical Rules for Hazardous Substances  
UN United Nations (United Nations)  
VOC Volatile Organic Compounds (flüchtige organic compounds)  
vPvB very persistent and very bioaccumulative  
WGK Assessment administrative regulation of water polluting substances, Water hazard class WGK

