

**Diethylamine > 99 % for synthesis**

Revision: 15.08.2025

Product code: 19881

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Diethylamine > 99 % for synthesis

REACH Registration Number: 01-2119475610-41-XXXX  
CAS No: 109-89-7  
Index No: 612-003-00-X  
EC No: 203-716-3

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of the substance/mixture**

Reagents and laboratory chemicals  
Only for laboratory and analysis purposes.

**Uses advised against**

Do not use for private purposes (household).

**1.3. Details of the supplier of the safety data sheet**

Company name: AnalytiChem GmbH  
ACD  
Street: Stempelstraße 6  
Place: D-47167 Duisburg  
Telephone: 0203/5194-0  
Telefax: 0203/5194-290  
E-mail: info@analytichem.de  
Contact person: Abteilung Produktsicherheit  
Telephone: 0203/5194-107/117  
E-mail: produktsicherheit@analytichem.de  
Internet: www.analytichem.de  
Responsible Department: Abteilung Produktsicherheit

**1.4. Emergency telephone number:**

For Hazardous Materials [or Dangerous Goods] Incidents Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

**Further Information**

No data available

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Regulation (EC) No 1272/2008**

Flam. Liq. 2; H225  
Acute Tox. 3; H311  
Acute Tox. 4; H332  
Acute Tox. 4; H312  
Acute Tox. 4; H302  
Skin Corr. 1A; H314  
STOT SE 3; H335

Full text of hazard statements: see SECTION 16.

**2.2. Label elements**

**Regulation (EC) No 1272/2008**

**Signal word:** Danger

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## Pictograms:



## Hazard statements

|           |  |
|-----------|--|
| H225      | Highly flammable liquid and vapour.      |
| H302+H332 | Harmful if swallowed or if inhaled.      |
| H311      | Toxic in contact with skin.              |
| H314      | Causes severe skin burns and eye damage. |
| H335      | May cause respiratory irritation.        |

## Precautionary statements

|                |  |
|----------------|--|
| P260           | Do not breathe dust/fume/gas/mist/vapours/spray.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.                                    |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.                           |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310           | Immediately call a POISON CENTER/doctor.   |

## 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

## 3.1. Substances

|                   |  |
|-------------------|--|
| Sum formula:      | (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> NH |
| Molecular weight: | 73,14 g/mol                                      |

## Relevant ingredients

| CAS No   | Chemical name  |              |                       | Quantity |
|----------|--|--------------|-----------------------|----------|
|          | EC No  | Index No     | REACH No              |          |
|          | Classification (Regulation (EC) No 1272/2008)  |              |                       |          |
| 109-89-7 | diethylamine   |              |                       | 100 %    |
|          | 203-716-3  | 612-003-00-X | 01-2119475610-41-XXXX |          |
|          | Flam. Liq. 2, Acute Tox. 3, Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A, STOT SE 3; H225 H311 H332 H312 H302 H314 H335 |              |                       |          |

Full text of H and EUH statements: see section 16.

## Specific Conc. Limits, M-factors and ATE

| CAS No   | EC No  | Chemical name | Quantity |
|----------|--|---------------|----------|
|          | Specific Conc. Limits, M-factors and ATE   |               |          |
| 109-89-7 | 203-716-3  | diethylamine  | 100 %    |
|          | inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 582 mg/kg; oral: LD50 = 540 mg/kg STOT SE 3; H335: >= 1 - 100 |               |          |

## Further Information

This product does not contain substances of very high concern according to Regulation (EC) No 1907/2006 (REACH), Article 57 above the respective regulatory concentration limit of = 0.1 % (w/w).

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

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**General information**

Self-protection of the first aider

**After inhalation**

Provide fresh air.

If breathing is irregular or stopped, administer artificial respiration.

Call a physician immediately.

**After contact with skin**

Wash immediately with: Water

Take off immediately all contaminated clothing and wash it before reuse.

Call a physician immediately.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

Do not allow a neutralisation agent to be drunk. Do NOT induce vomiting.

Call a physician immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

Irritant

corrosive

Dyspnoea

Risk of serious damage to eyes.

Pulmonary oedema

Gastrointestinal complaints

Vomiting

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

No data available

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Foam

Carbon dioxide (CO<sub>2</sub>)

Extinguishing powder

**Unsuitable extinguishing media**

no restriction

**5.2. Special hazards arising from the substance or mixture**

Combustible liquids

Hazardous combustion products

In case of fire may be liberated:

Nitrogen oxides (NO<sub>x</sub>)Carbon dioxide (CO<sub>2</sub>) Carbon monoxide

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Heating causes rise in pressure with risk of bursting.

Beware of reignition.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

In case of fire and/or explosion do not breathe fumes.

Avoid contact with skin, eyes and clothes.

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**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.  
Move undamaged containers from immediate hazard area if it can be done safely.  
Use water spray jet to protect personnel and to cool endangered containers.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Keep away from sources of ignition - No smoking.  
This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been certified as intrinsically safe).  
Take action to prevent static discharges.

**For non-emergency personnel**

Provide adequate ventilation.  
Use personal protection equipment.  
Avoid contact with skin, eyes and clothes.  
Remove persons to safety.  
Emergency procedures  
Consult an expert  
Do not breathe dust/fume/gas/mist/vapours/spray.

**For emergency responders**

Precautionary statements For emergency responders : Personal protection equipment: see section 8

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.  
The vapour of the product is heavier than air and may accumulate below ground level, in pits, channels and basements in higher concentration.  
Danger of explosion

**6.3. Methods and material for containment and cleaning up****For containment**

Cover drains.  
Prevent spread over a wide area (e.g. by containment or oil barriers).  
Collect in closed and suitable containers for disposal.  
Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

**For cleaning up**

Clean contaminated articles and floor according to the environmental legislation.

**Other information**

Provide adequate ventilation.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wear breathing apparatus if exposed to vapours/dusts/aerosols.

**6.4. Reference to other sections**

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid exposure - obtain special instructions before use.

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Read label before use. Handle and open container with care.  
When using do not eat, drink, smoke, sniff. Keep container tightly closed.  
Use personal protection equipment. Use extractor hood (laboratory).  
Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation.

**Advice on protection against fire and explosion**

Take action to prevent static discharges. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Advice on general occupational hygiene**

Keep away from food, drink and animal feedingstuffs.  
The choice of body protection depends on the concentration and quantity of hazardous substances. The chemical resistance of protective agents must be clarified with their suppliers.

**Further information on handling**

Take off immediately all contaminated clothing and wash it before reuse.  
Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. If handled uncovered, arrangements with local exhaust ventilation have to be used.  
Store in a place accessible by authorized persons only.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in a cool, well-ventilated place.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Unsuitable container/equipment material:  
Aluminium  
Zinc  
Tin

**Hints on joint storage**

national regulations

**Further information on storage conditions**

Keep container tightly closed.  
Keep cool. Protect from sunlight.  
storage temperature < +30°C

**7.3. Specific end use(s)**

Laboratory chemicals

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits**

| CAS No   | Substance    | ppm | mg/m <sup>3</sup> | fib/cm <sup>3</sup> | Category      | Origin |
|----------|--------------|-----|-------------------|---------------------|---------------|--------|
| 109-89-7 | Diethylamine | 5   | 15                |                     | TWA (8 h)     |        |
|          |              | 10  | 30                |                     | STEL (15 min) |        |

**DNEL/DMEL values**

| CAS No                 | Substance      |            |        |          |
|------------------------|----------------|------------|--------|----------|
| DNEL type              | Exposure route |            | Effect | Value    |
| 109-89-7               | diethylamine   |            |        |          |
| Worker DNEL, long-term |                | inhalation | local  | 15 mg/m³ |
| Worker DNEL, acute     |                | inhalation | local  | 30 mg/m³ |

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## PNEC values

| CAS No   | Substance    |             |
|--|--------------|-------------|
| Environmental compartment                        |              | Value       |
| 109-89-7   | diethylamine |             |
| Freshwater                                       |              | 0,04 mg/l   |
| Freshwater (intermittent releases)               |              | 0,046 mg/l  |
| Marine water                                     |              | 0,004 mg/l  |
| Freshwater sediment                              |              | 0,48 mg/kg  |
| Marine sediment                                  |              | 0,048 mg/kg |
| Micro-organisms in sewage treatment plants (STP) |              | 100 mg/l    |
| Soil   |              | 0,072 mg/kg |

## 8.2. Exposure controls

## Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If handled uncovered, arrangements with local exhaust ventilation have to be used.

## Individual protection measures, such as personal protective equipment

## Eye/face protection

goggles

Face protection umbrella

## Hand protection

Protective gloves are recommended Company KCL GmbH, D-36124 Eichenzell, email: [vertrieb@kcl.de](mailto:vertrieb@kcl.de) With specification (test according to EN374):

By long-term hand contact: No data available

By short-term hand contact

Trade name/designation KCL 890 Vitoject®

Suitable material: FKM (fluoro rubber) 0,7 mm

Wearing time with occasional contact (splashes): > 120 min

The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types. This recommendation applies only to the product stated in the safety data sheet (>, <) supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

## Skin protection

Take off immediately all contaminated clothing and wash it before reuse.

Wear fire resistant or flame retardant clothing.

Wash hands and face before breaks and after work and take a shower if necessary.

Draw up and observe skin protection programme.

## Respiratory protection

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Filtering device with filter or ventilator filtering device of type: AX

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

## Environmental exposure controls

Do not allow to enter into surface water or drains.

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Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.

Danger of explosion

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

|   |                   |
|---|-------------------|
| Physical state:   | Liquid            |
| Colour:   | colourless        |
| Odour:  | like: Amines      |
| Odour threshold:  | No data available |
| Melting point/freezing point:                             | -50 °C            |
| Boiling point or initial boiling point and boiling range: | 56 °C             |
| Flammability:   | No data available |
| Lower explosion limits:                                   | 2 vol. %          |
| Upper explosion limits:                                   | 11,8 vol. %       |
| Flash point:  | -20 °C            |
| Auto-ignition temperature:                                | 290 °C            |
| Decomposition temperature:                                | No data available |
| pH-Value (at 20 °C):                                      | 13 (100 g/l)      |
| Viscosity / kinematic:                                    | No data available |
| Water solubility:   | Soluble in: Water |
| (at 20 °C)  |                   |
| Solubility in other solvents                              |                   |
| No data available   |                   |
| Dissolution rate:   | No data available |
| Partition coefficient n-octanol/water:                    | No data available |
| Dispersion stability:                                     | No data available |
| Vapour pressure:  | 253 hPa           |
| (at 20 °C)  |                   |
| Vapour pressure:  | No data available |
| Density:  | 0,71 g/cm³        |
| Relative density:   | No data available |
| Bulk density:   | No data available |
| Relative vapour density:                                  | No data available |
| Particle characteristics:                                 | No data available |

**9.2. Other information**

**Information with regard to physical hazard classes**

**Explosive properties**

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Sustained combustibility: Sustained combustibility

**Self-ignition temperature**

Solid: No data available

Gas: No data available

**Oxidizing properties**

No data available

**Other safety characteristics**

Evaporation rate: No data available

Solvent separation test: No data available

Solid content: No data available

Sublimation point: No data available

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|                                    |                   |
|------------------------------------|-------------------|
| Softening point:                   | No data available |
| Pour point:                        | No data available |
|                                    | No data available |
| Viscosity / dynamic:<br>(at 25 °C) | 0,34 mPa·s        |
| Flow time:                         | No data available |

**Further Information**

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Vapours may form explosive mixtures with air.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

Oxidising agent  
Acids  
Alcohols  
Ketone  
aldehydes  
ester  
Nitriles  
Phenols  
mercury (Hg).

**10.4. Conditions to avoid**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**10.5. Incompatible materials**

copper  
Copper alloys  
Tin  
Zinc iron and steel  
Lead

**10.6. Hazardous decomposition products**

SECTION 5: Firefighting measures

**Further information**

No data available

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Toxicokinetics, metabolism and distribution**

Avoid exposure - obtain special instructions before use.



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**Acute toxicity**

Toxic in contact with skin.

Harmful if inhaled.

Harmful if swallowed.

If swallowed danger of perforation of the esophagus and the stomach (strong corrosive effects).

Pulmonary oedema

Mucous membrane irritation in the mouth, throat, esophagus and gastrointestinal tract.

Inhalation effect: Damage to the respiratory tract.

Resorption (oral)

Resorption (by inhalation)

Resorption (dermal)

| CAS No   | Chemical name        |                |         |   |   |
|----------|----------------------|----------------|---------|---|---|
|          | Exposure route       | Dose           | Species | Source                                  | Method                                  |
| 109-89-7 | diethylamine         |                |         |   |   |
|          | oral                 | LD50 540 mg/kg | Rat     | cited in: Patty's Ind.Hyg. and Toxicol. | OECD Guideline 401                      |
|          | dermal               | LD50 582 mg/kg | Rabbit  | cited in: Patty's Ind.Hyg. and Toxicol. | Penetration of rabbit skin is estimated |
|          | inhalation vapour    | ATE 11 mg/l    |         |   |   |
|          | inhalation dust/mist | ATE 1,5 mg/l   |         |   |   |

**Irritation and corrosivity**

Skin corrosion/irritation: Causes severe skin burns and eye damage.

Serious eye damage/eye irritation: Causes serious eye damage.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

**STOT-single exposure**

May cause respiratory irritation. (diethylamine)

Damage to:

kidneys

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Information on likely routes of exposure**

No data available

**Specific effects in experiment on an animal**

No data available

**Additional information on tests**

No data available

**Practical experience**

No data available

**11.2. Information on other hazards****Endocrine disrupting properties**

No data available

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**Other information**

No data available

**Further information**

Irritant

corrosive

Dyspnoea

Risk of serious damage to eyes.

Pulmonary oedema

Gastrointestinal complaints

Vomiting

**SECTION 12: Ecological information****12.1. Toxicity**

Based on available data, the classification criteria are not met.

| CAS No   | Chemical name            |               |           |                                 |  |  |
|----------|--------------------------|---------------|-----------|---------------------------------|--|--|
|          | Aquatic toxicity         | Dose          | [h]   [d] | Species                         | Source                                   | Method                                   |
| 109-89-7 | diethylamine             |               |           |                                 |  |  |
|          | Acute fish toxicity      | LC50 27 mg/l  | 96 h      | Oryzias latipes                 | NITE (National Institute of Technology a | OECD Guideline 203                       |
|          | Acute algae toxicity     | ErC50 54 mg/l | 72 h      | Pseudokirchneriella subcapitata | NITE (National Institute of Technology a | OECD Guideline 201                       |
|          | Acute crustacea toxicity | EC50 4,6 mg/l | 48 h      | Ceriodaphnia dubia              | Study report (1994)                      | other: Standard guide for conducting acu |
|          | Crustacea toxicity       | NOEC 4,2 mg/l | 21 d      | Daphnia magna                   | Publication (1999)                       | OECD Guideline 211                       |

**12.2. Persistence and degradability**

&gt; 70 %; 28 d

OECD 301C

Readily biodegradable (according to OECD criteria).

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**Partition coefficient n-octanol/water**

| CAS No   | Chemical name | Log Pow |
|----------|---------------|---------|
| 109-89-7 | diethylamine  | 0,58    |

**BCF**

| CAS No   | Chemical name | BCF      | Species | Source               |
|----------|---------------|----------|---------|----------------------|
| 109-89-7 | diethylamine  | ca. 1,62 |         | Medchem. Project Iss |

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6. Endocrine disrupting properties**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects**

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Do not allow to enter into surface water or drains.

**Further information**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Send to a physico-chemical treatment facility under observation of official regulations.

Do not empty into drains.

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

**SECTION 14: Transport information****Land transport (ADR/RID)**

|  |              |
|--|--------------|
| <b>14.1. UN number or ID number:</b>     | UN 1154      |
| <b>14.2. UN proper shipping name:</b>    | DIETHYLAMINE |
| <b>14.3. Transport hazard class(es):</b> | 3            |
| <b>14.4. Packing group:</b>              | II           |
| Hazard label:                            | 3+8          |
| Classification code:                     | FC           |
| Limited quantity:                        | 1 L          |
| Excepted quantity:                       | E2           |
| Transport category:                      | 2            |
| Hazard No:                               | 338          |
| Tunnel restriction code:                 | D/E          |

**Inland waterways transport (ADN)**

|  |              |
|--|--------------|
| <b>14.1. UN number or ID number:</b>     | UN 1154      |
| <b>14.2. UN proper shipping name:</b>    | DIETHYLAMINE |
| <b>14.3. Transport hazard class(es):</b> | 3            |
| <b>14.4. Packing group:</b>              | II           |
| Hazard label:                            | 3+8          |
| Classification code:                     | FC           |
| Limited quantity:                        | 1 L          |
| Excepted quantity:                       | E2           |

**Marine transport (IMDG)**

|  |              |
|--|--------------|
| <b>14.1. UN number or ID number:</b>     | UN 1154      |
| <b>14.2. UN proper shipping name:</b>    | DIETHYLAMINE |
| <b>14.3. Transport hazard class(es):</b> | 3            |
| <b>14.4. Packing group:</b>              | II           |
| Hazard label:                            | 3+8          |
| Special Provisions:                      | -            |
| Limited quantity:                        | 1 L          |
| Excepted quantity:                       | E2           |
| EmS:                                     | F-E, S-C     |

**Air transport (ICAO-TI/IATA-DGR)**

|                                       |              |
|---------------------------------------|--------------|
| <b>14.1. UN number or ID number:</b>  | UN 1154      |
| <b>14.2. UN proper shipping name:</b> | DIETHYLAMINE |

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|  |       |
|--|-------|
| <b>14.3. Transport hazard class(es):</b> | 3     |
| <b>14.4. Packing group:</b>              | II    |
| Hazard label:                            | 3+8   |
| Limited quantity Passenger:              | 0.5 L |
| Passenger LQ:                            | Y340  |
| Excepted quantity:                       | E2    |
| IATA-packing instructions - Passenger:   | 352   |
| IATA-max. quantity - Passenger:          | 1 L   |
| IATA-packing instructions - Cargo:       | 363   |
| IATA-max. quantity - Cargo:              | 5 L   |

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Information according to Directive  
2012/18/EU (SEVESO III):

P5c FLAMMABLE LIQUIDS

**National regulatory information**

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D):

1 - slightly hazardous to water

## SECTION 16: Other information

**Abbreviations and acronyms**

Flam. Liq. 2: Flammable liquids, hazard category 2

Acute Tox. 3: Acute toxicity, hazard category 3

Skin Corr. 1A: Skin corrosion, sub-category 1A

Eye Dam. 1: Serious eye damage, hazard category 1

STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3

**Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H302+H332 Harmful if swallowed or if inhaled.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

**Further Information**

Provide appropriate information, instructions and training to users

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

The information is based on the present level of our knowledge. It does not, however, give assurance of product

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Diethylamine > 99 % for synthesis

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Product code: 19881

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properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.