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

1.1. Product identifier

<table>
<thead>
<tr>
<th>Trade name</th>
<th>p-Nitroaniline Analytical Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>NIAN-P0A-100</td>
</tr>
<tr>
<td>Identification of the product</td>
<td>p-Nitroanilina</td>
</tr>
<tr>
<td>CAS No</td>
<td>000100-01-6</td>
</tr>
<tr>
<td>EC No</td>
<td>202-810-1</td>
</tr>
<tr>
<td>Annex No</td>
<td>812-012-00-9</td>
</tr>
<tr>
<td>Chemical formula</td>
<td>C6H6N2O2</td>
</tr>
</tbody>
</table>

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

Use: Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet

Company identification: labbox labware s.l.
Remences, 102
08304 Mataró (Barcelona) SPAIN
Tel.: +34 937 552 084 - Fax: +34 937 909 532
E-mail: info@labkem.com
Web: www.labkem.com

1.4. Emergency telephone number

Phone nr: Tel. +34 937 552 084 [Office hours]

2. Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Not classified.

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards
Acute toxicity, Oral - Category 3 - Danger (CLP: Acute Tox. 3) H301
Acute toxicity, dermal - Category 3 - Danger (CLP: Acute Tox. 3) H311
Acute toxicity, Inhalation - Category 3 - Danger (CLP: Acute Tox. 3) H331

Environmental hazards
Hazardous to the aquatic environment - Chronic hazard - Category 3 (CLP: Aquatic Chronic 3) H412

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Not classified.

Contains: p-Nitroanilina
2. Hazards identification (continued)

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms

Signal words

: Danger

Hazard statements

: H301 : Toxic if swallowed.
   H311 : Toxic in contact with skin.
   H331 : Toxic if inhaled.
   H412 : Harmful to aquatic life with long lasting effects.

Precautionary statements

• Prevention
   : P280: Wear protective gloves, protective clothing, eye protection, face protection.
   P273: Avoid release to the environment.

• Response
   : P304+P340: IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.
   P302+P352: IF ON SKIN : Wash with plenty of soap and water.
   P309+P311: IF exposed or if you feel unwell : Call a POISON CENTER or doctor.

Contains

: p-Nitroanilina

2.3. Other hazards

Other hazards

: None under normal conditions.

3. Composition/information on ingredients

Substance / Preparation

: p-Nitroanilina

<table>
<thead>
<tr>
<th>Substance name</th>
<th>Contents</th>
<th>CAS No</th>
<th>EC No</th>
<th>Annex No</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>p-Nitroanilina</td>
<td>:</td>
<td>100-01-6</td>
<td>202-810-1</td>
<td>612-012-00-9</td>
<td>T: R23/24/25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>R33</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>R52-53</td>
</tr>
</tbody>
</table>

Contains no other components or impurities which will influence the classification of the product.

4. First aid measures

4.1. Description of first aid measures

Inhalation

: Immediately call a POISON CENTER or doctor. Specific treatment (see on this label). Remove to fresh air and keep at rest in a position comfortable for breathing. Assure fresh air breathing. Allow the victim to rest.

Skin contact

: Immediately call a POISON CENTER or doctor. Specific treatment (see on this label). Wash with plenty of soap and water. Wash contaminated clothing before
4. First aid measures (continued)

reuse. Remove/Take off immediately all contaminated clothing. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

Eye contact
: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Ingestion
: Immediately call a POISON CENTER or doctor. Specific treatment (see on this label). Do NOT induce vomiting. Rinse mouth.

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

Symptoms relating to use
: Repeated exposure to this material can result in absorption through skin causing significant health hazard. Swallowing a small quantity of this material will result in serious health hazard. Danger of serious damage to health by prolonged exposure through inhalation.

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

General information
: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media

Unsuitable extinguishing media
: Do not use a heavy water stream.

Surrounding fires
: Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products
: Under fire conditions, hazardous fumes will be present.

5.3. Advice for fire-fighters

Protection against fire
: Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures
: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders
: Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel
: Evacuate unnecessary personnel.

6.2. Environmental precautions

Environmental precautions
: Avoid release to the environment. Prevent entry to sewers and public waters. Notify
SAFETY DATA SHEET
p-Nitroaniline Analytical Grade

6. Accidental release measures (continued)

authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods: Store away from other materials. On land, sweep or shovel into suitable containers. Minimize generation of dust.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and storage

7.1. Precautions for safe handling

Handling: Avoid breathing dust, fume, gas, mist, vapours, spray. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Technical protective measures: Provide good ventilation in process area to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage: Keep container tightly closed. Keep only in the original container in a cool, well ventilated place.


7.3. Specific end use(s)

Specific end use(s): None.

8. Exposure controls/personal protection

8.1. Exposure controls

Personal protection: Avoid all unnecessary exposure.

• Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

• Hand protection: Wear protective gloves.

• Eye protection: Chemical goggles or safety glasses.

• Others: When using, do not eat, drink or smoke.

8.2. Control parameters
8. Exposure controls/personal protection (continued)

Occupational Exposure Limits : No data available.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state at 20 °C</td>
<td>Solid</td>
</tr>
<tr>
<td>Colour</td>
<td>Yellow</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH value</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point [°C]</td>
<td>146 - 149</td>
</tr>
<tr>
<td>Decomposition point [°C]</td>
<td>&gt; 310</td>
</tr>
<tr>
<td>Critical temperature [°C]</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Auto-ignition temperature [°C]</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point [°C]</td>
<td>199</td>
</tr>
<tr>
<td>Initial boiling point [°C]</td>
<td>&gt; 331</td>
</tr>
<tr>
<td>Final boiling point [°C]</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density [g/cm3]</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density, liquid (water=1)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>0.5 a 20°C</td>
</tr>
<tr>
<td>Log Pow octanol / water at 20°C</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity at 40°C [mm2/s]</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

Explosive properties : No data available.
Explosion limits - upper [%] : No data available.
Explosion limits - lower [%] : No data available.
Oxidising properties : No data available.

10. Stability and reactivity

10.1. Reactivity

Reactivity : Not established.

10.2. Chemical stability

Chemical stability : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions
10. Stability and reactivity (continued)

Hazardous reactions: Not established.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Materials to avoid: Strong acids. Strong bases.

10.6. Hazardous decomposition products


11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity
• Inhalation: Toxic if inhaled.
• Dermal: Toxic in contact with skin.
• Ingestion: Toxic if swallowed.

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

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

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

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

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

Toxic for reproduction: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

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.

12. Ecological information

12.1. Toxicity

Toxicity information: Harmful to aquatic life with long lasting effects.

12.2. Persistence - degradability

Persistence - degradability: Not established.

May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

Bioaccumulative potential: Not established.

12.4. Mobility in soil
12. Ecological information (continued)

Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

13. Disposal considerations

13.1. Waste treatment methods

General : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Special precautions : Hazardous waste due to toxicity.

14. Transport information

14.1. Land transport (ADR-RID)

Proper shipping name : NITROANILINES (O-, M-, P-)
UN N° : 1661
H.I. nr : 60
ADR - Class : 6.1
Labelling - Transport : 6.1

ADR - Classification code : T2
ADR - Group : II
ADR - Packing instructions : P002
ADR - Limited Quantity : LQ 18
ADR - Tunnel code : D/E : Passage forbidden through tunnels of category D when carried in bulk or in tanks. Passage forbidden through tunnels of category E.

14.2. Sea transport (IMDG) [English only]
14. Transport information (continued)

Proper shipping name: NITROANILINES (O-, M-, P-)
UN N°: 1661
IMO-IMDG - Class or division: 6.1
IMO-IMDG - Packing group: II
IMO-IMDG - Packing instructions: P002
IMO-IMDG - Limited quantities: 500 g
IMO-IMDG - Marine pollution: NO
EMS-Nr: F-A S-A

14.3. Air transport (ICAO-IATA) [English only]

Proper shipping name: NITROANILINES (O-, M-, P-)
UN N°: 1661
IATA - Class or division: 6.1
IATA - Packing group: II
IATA - Passenger and Cargo Aircraft: ALLOWED
  - Passenger and Cargo - Packing instruction: 669
  - Passenger and Cargo - Maximum Quantity/Packing: 25 kg
IATA - Cargo only: ALLOWED
  - Cargo only - Packing instruction: 676
  - Cargo only - Maximum Quantity/Packing: 100 kg
IATA - Limited Quantities: 1 kg
ERG-Nr: 6L

15. Regulatory information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture: Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

Chemical Safety Assessment: It has not been carried out.

16. Other information

Revision: Revision - See: *
Abbreviations and acronyms: PBT: persistent, bioaccumulative and toxic, vPvB: very persistent and very bioaccumulative
16. Other information (continued)

List of relevant R phrases (heading 3):
- R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.
- R33: Danger of cumulative effects.
- R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

List of full text of H-statements in section 3:
- H301: Toxic if swallowed.
- H311: Toxic in contact with skin.
- H331: Toxic if inhaled.
- H412: Harmful to aquatic life with long lasting effects.

Further information:
- None.

The contents and format of this SDS are in accordance with REACH Regulation (CE) No 1907/2006 and CLP Regulation EC 1272/2008.

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End of document