SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: BioWest - Penicillin-Streptomycin Solution 100X L0022

1.2 Relevant identified uses of the substance or mixture and uses advised against:
   Relevant uses: Used in biotechnology. For professional use only.
   Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:
   BioWest SAS
   Rue de la Caille
   49340 Nuaillé - France
   Phone.: 00 33 2 41 46 42 42 -
   Fax: 00 33 2 41 46 46 50
   biowest@biowest.net
   www.biowest.net

1.4 Emergency telephone number:
   ORFILA: 01 45 42 59 59

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:
   Directive 67/548/EC and Directive 1999/45/EC:
   This product was classified in accordance with Directive 67/548/EC and Directive 1999/45/EC, adapting the requirements to Regulation (EC) nº1907/2006 (REACH regulation).
   Repr. Cat 2: R61 - May cause harm to the unborn child (Category 2)
   Xn: R22 - Harmful if swallowed

   CLP Regulation (EC) nº 1272/2008:
   Classification of this product has been carried out in accordance with CLP Regulation (EC) nº 1272/2008.
   Acute Tox. 4: Acute toxicity if swallowed, Category 4
   Repr. 2: Reproductive toxicity, Category 2

2.2 Label elements:
   Directive 67/548/EC and Directive 1999/45/EC:
   In accordance with the legislation, the elements on the label are as follows:
   T
   Tox

   R Phrases:
   R22: Harmful if swallowed
   R61: May cause harm to the unborn child (Category 2)

   S Phrases:
   S38: In case of insufficient ventilation, wear suitable respiratory equipment
   S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)
   S53: Avoid exposure - obtain special instructions before use

   Supplementary information:
   P95: For professional use only: "Warning -avoid exposure-, Obtain special instructions before use"
   P99: Contains sodium [2S-(2α,5α,6β)]-3,3-dimethyl-7-oxo-6-(phenylacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate. May cause an allergic reaction

   CLP Regulation (EC) nº 1272/2008:
   Warning

   Hazard statements:
   Acute Tox. 4: H302 - Harmful if swallowed
   Repr. 2: H361 - Suspected of damaging fertility or the unborn child

   Precautionary statements:
SECTION 2: HAZARDS IDENTIFICATION (continue)

- P202: Do not handle until all safety precautions have been read and understood
- P264: Wash thoroughly after use
- P270: Do no eat, drink or smoke when using this product
- P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
- P308+P313: IF exposed or concerned: Get medical advice/attention
- P330: Rinse mouth
- P405: Store locked up
- P501: Dispose of the contents/containers in accordance with the current legislation on waste treatment

Supplementary information:

EUH208: Contains sodium \([2S-(2α,5α,6β)]-3,3\)-dimethyl-7-oxo-6-(phenylacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate. May produce an allergic reaction

2.3 Other hazards:

Non-applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description: Mixture composed of additives and biocides

Components:

In accordance with Annex II of Regulation (EC) nº1907/2006 (point 3), the product contains:

<table>
<thead>
<tr>
<th>Identification</th>
<th>Chemical name/Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 3810-74-0</td>
<td>Streptomycin sulphate</td>
<td>Self-classified 1 - &lt;2,5 %</td>
</tr>
<tr>
<td>Index:</td>
<td>Repr. Cat 2: R61; Xn: R22</td>
<td></td>
</tr>
<tr>
<td>REACH: Non-applicable</td>
<td>Regulation 1272/2008</td>
<td>Acute Tox. 4: H302; Repr. 2: H361 - Warning</td>
</tr>
<tr>
<td>CAS: 69-57-8</td>
<td>sodium ([2S-(2α,5α,6β)]-3,3)-dimethyl-7-oxo-6-(phenylacetamido)-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate</td>
<td>Self-classified &lt;1 %</td>
</tr>
<tr>
<td>EC: 200-710-2</td>
<td>Directive 67/548/EC</td>
<td></td>
</tr>
<tr>
<td>Index:</td>
<td>Xn: R42/43</td>
<td></td>
</tr>
</tbody>
</table>

To obtain more information on the risk of the substances consult sections 8, 11, 12 and 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the MSDS of this product.

By inhalation:

This product is not classified as dangerous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of modifications on the skin (stinging, redness, rashes, blisters,…), seek medical advice with this Security Data Sheet.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the MSDS of the product.

By consumption:

Request medical assistance immediately, showing the MSDS of this product. Do not induce vomiting, but if it does happen keep the head up to avoid inhalation. In the case of loss of consciousness do not administrate anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable
**SECTION 5: FIREFIGHTING MEASURES**

5.1 Extinguishing media:
Product is non-flammable under normal conditions of storage, manipulation and use. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use tap water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:
As a result of combustion or thermal decomposition reactive subproducts are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:
Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

**Additional provisions:**
Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflamation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions, protective equipment and emergency procedures:
Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the split product (See section 8). Evacuate the area and keep out those who do not have protection.

6.2 Environmental precautions:
This product is not classified as dangerous to the environment. Keep product away from drains, surface and underground water.

6.3 Methods and material for containment and cleaning up:
It is recommended:
Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:
See sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE**

7.1 Precautions for safe handling:
A.- Precautions for safe manipulation
Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions
Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks
PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in fixed places that comply with the necessary security conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to containers of small amounts. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks
It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:
A.- Technical measures for storage
Store in a cool, dry, well-ventilated location

- CONTINUED ON NEXT PAGE -
SECTION 7: HANDLING AND STORAGE (continue)

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment

There are no environmental limits for the substances contained in the product

DNEL (Workers):

Non-applicable

DNEL (Population):

Non-applicable

PNEC:

Non-applicable

8.2 Exposure controls:

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding "CE marking" in accordance with Directive 89/686/EC. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>PPE</th>
<th>Labelling</th>
<th>CEN Standard</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter mask for gases and vapours</td>
<td>EN 405:2001+A1:2009</td>
<td>Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

C.- Specific protection for the hands

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>PPE</th>
<th>Labelling</th>
<th>CEN Standard</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-disposable chemical protective gloves</td>
<td>EN 374-1:2003 EN 374-3:2003/AC:2006 EN 420:2003+A1:2009</td>
<td>The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

D.- Ocular and facial protection

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>PPE</th>
<th>Labelling</th>
<th>CEN Standard</th>
<th>Remarks</th>
</tr>
</thead>
</table>

E.- Bodily protection
SECTION 8: EXPOSURE CONTROLS/PERSOAL PROTECTION (continue)

<table>
<thead>
<tr>
<th>Pictogram</th>
<th>PPE</th>
<th>Labelling</th>
<th>CEN Standard</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Prepictogram</th>
<th>PPE</th>
<th>Labelling</th>
<th>CEN Standard</th>
<th>Remarks</th>
</tr>
</thead>
</table>

F. Additional emergency measures

<table>
<thead>
<tr>
<th>Emergency measure</th>
<th>Standards</th>
<th>Emergency measure</th>
<th>Standards</th>
</tr>
</thead>
</table>

Environmental exposure controls:
In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

Volatile organic compounds:
With regard to Directive 1999/13/EC, this product has the following characteristics:
- V.O.C. (Supply): 0 % weight
- V.O.C. density at 20 ºC: 0 kg/m³ (0 g/L)
- Average density at 20 ºC: Non-applicable
- Average molecular weight: Non-applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:
For complete information see the product datasheet.

**Appearance:**
- Physical state at 20 ºC: Liquid
- Appearance: Fluid
- Color: Colourless
- Odor: Odourless

**Volatile:**
- Boiling point at atmospheric pressure: 100 ºC
- Vapour pressure at 20 ºC: 2350 Pa
- Vapour pressure at 50 ºC: 12381 Pa (12 kPa)
- Evaporation rate at 20 ºC: Non-applicable *

**Product description:**
- Density at 20 ºC: 1037 kg/m³
- Relative density at 20 ºC: 1,037
- Dynamic viscosity at 20 ºC: 1,05 cP
- Kinematic viscosity at 20 ºC: 1,01 cSt
- Kinematic viscosity at 40 ºC: Non-applicable *
- Concentration: Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continue)

- pH: 5 - 7
- Vapour density at 20 ºC: Non-applicable *
- Partition coefficient n-octanol/water 20 ºC: Non-applicable *
- Solubility in water at 20 ºC: Non-applicable *
- Solubility property: Non-applicable *
- Decomposition temperature: Non-applicable *
- Melting point/freezing point: Non-applicable *

**Flammability:**
- Flash Point: Non Flammable (>60 ºC)
- Autoignition temperature: Non-applicable *
- Lower flammability limit: Non-applicable *
- Upper flammability limit: Non-applicable *

**9.2 Other information:**
- Surface tension at 20 ºC: Non-applicable *
- Refraction index: Non-applicable *

*Not relevant due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity:**
No hazardous reactions are expected if the following technical instructions storage of chemicals. See section 7.

**10.2 Chemical stability:**
Chemically stable under the conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**
Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**
Applicable for handling and storage at room temperature:

<table>
<thead>
<tr>
<th>Shock and friction</th>
<th>Contact with air</th>
<th>Increase in temperature</th>
<th>Sunlight</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**10.5 Incompatible materials:**

<table>
<thead>
<tr>
<th>Acids</th>
<th>Water</th>
<th>Combustive materials</th>
<th>Combustible materials</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**10.6 Hazardous decomposition products:**
See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

**11.1 Information on toxicological effects:**
The experimental information related to the toxicological properties of the product itself is not available.

**Dangerous health implications:**
In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A.- Ingestion:
The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B.- Inhalation:
SECTION 11: TOXICOLOGICAL INFORMATION (continue)

- Contact with the skin and the eyes:
  Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for
  skin contact. For more information see section 3.

- Sensitizing effects:
  Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous with
  sensibilizing effects. For more information see section 3.

- Specific target organ toxicity (STOT)-time exposure:
  Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for
  this effect. For more information see section 3.

- Specific target organ toxicity (STOT)-repeated exposure:
  Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for
  this effect. For more information see section 3.

- Aspiration hazard:
  Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for
  this effect. For more information see section 3.

Other information:
Non-applicable

Specific toxicology information on the substances:

<table>
<thead>
<tr>
<th>Identification</th>
<th>Acute toxicity</th>
<th>Genus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Streptomycin sulphate</td>
<td>LD50 oral 430 mg/kg</td>
<td>Rat</td>
</tr>
<tr>
<td>CAS: 3810-74-0</td>
<td>LD50 dermal Non-applicable</td>
<td></td>
</tr>
<tr>
<td>EC: 223-286-0</td>
<td>LC50 inhalation Non-applicable</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the ecotoxicological properties of the product itself is not available

12.1 Toxicity:
Not available

12.2 Persistence and degradability:
Not available

12.3 Bioaccumulative potential:
Not available

12.4 Mobility in soil:
Not available

12.5 Results of PBT and vPvB assessment:
Non-applicable

12.6 Other adverse effects:
Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Waste class (Directive 2008/98/EC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 05 06*</td>
<td>Laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals</td>
<td>Dangerous</td>
</tr>
</tbody>
</table>

Waste management (disposal and evaluation):

- CONTINUED ON NEXT PAGE -
SECTION 13: DISPOSAL CONSIDERATIONS (continue)

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2000/532/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) nº1907/2006 (REACH) the community or state provisions related to waste management are stated


SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2013 and RID 2013:

14.1 UN number: Non-applicable
14.2 UN proper shipping name: Non-applicable
14.3 Transport hazard class(es): Non-applicable
Labels: Non-applicable
14.4 Packing group: Non-applicable
14.5 Dangerous for the environment: No
14.6 Special precautions for user
Special regulations: Non-applicable
Tunnel restriction code: Non-applicable
Physico-Chemical properties: see section 9
Limited quantities: Non-applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Non-applicable

Transport of dangerous goods by sea:

With regard to IMDG 36-12:

14.1 UN number: Non-applicable
14.2 UN proper shipping name: Non-applicable
14.3 Transport hazard class(es): Non-applicable
Labels: Non-applicable
14.4 Packing group: Non-applicable
14.5 Dangerous for the environment: No
14.6 Special precautions for user
Special regulations: Non-applicable
EmS Codes: see section 9
Physico-Chemical properties: Non-applicable
Limited quantities: Non-applicable
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2014:
SECTION 14: TRANSPORT INFORMATION (continue)

14.1 UN number: Non-applicable
14.2 UN proper shipping name: Non-applicable
14.3 Transport hazard class(es): Non-applicable
   Labels: Non-applicable
14.4 Packing group: Non-applicable
14.5 Dangerous for the environment: No
14.6 Special precautions for user
   Physico-Chemical properties: see section 9
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Non-applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
   Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH): Non-applicable
   Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable
   Active substances for which a decision of non-inclusion onto Annex I (Regulation (EU) No 528/2012): Non-applicable
   Regulation (EC) 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable
   Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII, REACH):
      Non-applicable
   Specific provisions in terms of protecting people or the environment:
      It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.
   Other legislation:
      Non-applicable
15.2 Chemical safety assessment:
   The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:
   This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) Nº 1907/2006 (Regulation (EC) Nº 453/2010)
Modifieds related to the previous security card which concerns the ways of managing risks:
   COMPOSITION/INFORMATION ON INGREDIENTS:
      · Added Content
        · Streptomycin sulphate (3810-74-0)
      · Removed Content
        · Streptomycin sulphate (3810-74-0)
   CLP Regulation (EC) nº 1272/2008:
      · Pictograms
      · Hazard statements
      · Precautionary statements
      · Supplementary information
Text of R-phrases considered in section 3:
   The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3
   Directive 67/548/EC and Directive 1999/45/EC:
      R22: Harmful if swallowed
      R42/43: May cause sensitisation by inhalation and skin contact
      R61: May cause harm to the unborn child (Category 2)
   CLP Regulation (EC) nº 1272/2008:
BioWest - Penicillin-Streptomycin Solution 100X
L0022

SECTION 16: OTHER INFORMATION (continue)

- Acute Tox. 4: H302 - Harmful if swallowed
  - Repr. 2: H361 - Suspected of damaging fertility or the unborn child
  - Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
  - Skin Sens. 1: H317 - May cause an allergic skin reaction

Advice related to training:
Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:
http://esis.jrc.ec.europa.eu
http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:
- ADR: European agreement concerning the international carriage of dangerous goods by road
- IMDG: International maritime dangerous goods code
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organisation
- COD: Chemical Oxygen Demand
- BOD5: 5-day biochemical oxygen demand
- BCF: Bioconcentration factor
- LD50: Lethal Dose 50
- CL50: Lethal Concentration 50
- EC50: Effective concentration 50
- log-POW: Octanol–water partition coefficient
- Koc: Partition coefficient of organic carbon

The information contained in this security data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this security data sheet only refers to this product, which should not be used for needs other than those specified.