1. Identification of preparation and of the company/undertaking

1.1 Product name: ELSA-NSE

1.2 Use
With the exception of products specifically labeled for In Vitro Diagnostic use, all other products are for laboratory research use only and are not intended for human or animal diagnostics, therapeutics, or other clinical uses.

1.3 Manufacturer / Supplier identification:

Cisbio Bioassays
Parc Marcel Boiteux
B.P. 84175
30200 CODOLET

Phone : +33 (0) 4 66 79 67 00
Fax : +33 (0) 4 66 79 67 50
E-mail : bioassays@cisbio.com

1.4 Emergency telephone number:

Customer service

Phone: +33 (0) 4 66 79 67 44
Fax: +33 (0) 4 66 79 67 50
E-Mail: iva@cisbio.com
Internet http://www.cisbio.com

2. Hazard ingredients

Hazard identification (reagents)

- **Refer to item 3 for more information**

3. Composition / Information on ingredients

3.1. **Chemical characterization :**

Reagents			Chemical						
Reagents	**Physical state**	**pH**	**Name**	**CAS**	**Symbol**	**Classification**	**Range w/w**	**Symbol**	**Classification**
TWEEN-1-3-EL-1FLA	Liquid -	-	Potassium Sorbate	24634-61-5	Xi	H315-H319-H335	< 0,2	-	-
TRA-ELSA-NSE	Liquid Red	-	NaN3	26628-22-8	T+,N	H300-EUH032-H411	< 0,001	-	-
CT-ELSA-NSE	Solid -	-	-	-	-	-	-	-	-
CAL0-ELSA-NSE	Solid -	-	-	-	-	-	-	-	-
CAL1-ELSA-NSE	Solid -	-	-	-	-	-	-	-	-
CAL2-ELSA-NSE	Solid -	-	-	-	-	-	-	-	-
CAL3-ELSA-NSE	Solid -	-	-	-	-	-	-	-	-
CAL4-ELSA-NSE	Solid -	-	-	-	-	-	-	-	-
CAL5-ELSA-NSE	Solid -	-	-	-	-	-	-	-	-
CONT-ELSA-NSE	Solid -	-	-	-	-	-	-	-	-

4. First-aid and measures

- **Eye or skin contact:** Immediately flush eyes or skin with plenty of water at least for 15 minutes. Remove contaminated clothing.
- **Inhalation:** Supply for fresh air. If not breathing, give artificial respiration. For any breathing problems supply with oxygen.
- **Ingestion:** Secure that the person is conscious. Flush mouth with water and immediately call a physician.

5. Fire-fighting measures

- **Suitable extinguishing media:** Use dry chemical powder or appropriate foam extinguisher.
- **Protecting equipment for fire-fighting:** Put on breath protecting equipment, wear protecting clothing to prevent contact with skin and eyes.

6. Accidental release measures

Use appropriate protective equipment and methods to clean up spilled subtances promptly. Absorb spill using appropriate material. Collect and dispose waste in accordance with applicable regulations.

7. Handling and storage

- **Handling**
  Advice for safe handling: Avoid inhalation, contact with eyes, skin and clothing.
- **Precaution** Do not pipet by mouth. Do not eat, drink or smoke in areas where reagents are handled.
  Wear suitable one-way rubber gloves at work.
  Avoid any splash and formation of aerosols.
  For further advice see section 8.
- **Storage** Keep in properly labeled containers.

8. Exposure controls / personal protection

- **Personal protective equipment**

Respirator protection:	Only required if dusts and aerosols are generated.
Hand protection:	Wear compatible chemical resistant gloves.
Eye protection:	Wear chemical safety goggles.
Body protection:	Wear protective clothing.
General protective and sanitary measures:	Safety shower and eyewash device. Immediately remove contaminated clothing. Wash hands after work.

9. Physical and chemical properties

- **Appearance**
  Physical state: Refer item 3. **Odour:** N/A
  Color : Refer item 3.

- **Chemical parameters**
  pH: Refer item 3.
  Melting point / melting range: Not applicable.
  Flash point: Not applicable.
  Relative density: Data not available.

10. Stability and reactivity

- **Stability:** Data not available.
- **Conditions to avoid:** Data not available.
- **Incompability:** Data not available.
- **Hazardous or decomposition products:** Data not available.

11. Toxicological information

- **Toxicity:** Data not available.

12. Ecological information

- **General advice:** Prevent from getting into sewage, water, ground
- **Mobility and (bio)accumulation potential:** Data not available.
- **Ecotoxicity:** Ecotoxic effects of the product are not expected. Quantitative data on the ecological effect of this product is not available.
- **Other information:** No ecological problems are expected when the product is handled and used with due care and attention.

13. Disposal consideration

- **Contaminated packaging:** Dispose of according to local regulations.
- **Products:** The product must be disposed of as a laboratory chemical according to local regulations. Please contact responsible authority. Used reagents, plates, and reagent kits dispose of as potential infectious laboratory waste.
- **Pollutes:** Remove pollutes with absorbing paper.
  All material used for cleaning up must be disposed of as infectious laboratory waste.

14. Transport information

- **Ground transportation/RID/ADR:** Non-hazardous for road transport.
- **Seaway/IMDG:** Non-hazardous for sea transport.
- **By air/OACI/IATA-DRG:** Non-hazardous for air transport.

15. Regulations

- **Reminder of Risk:** EC Regulation
  Refer to national, regional and local regulations

16. Other information

- **Attention:** This safety data sheet has seen drafted in conformity with CE regulation n° 1907/2006, Annex II. It completes the Instruction for use but does not replace it.

  This information is based on our present knowledge relative to the product at the date it was issued.

  All information provided in this document is given in good faith based on the present knowledge status. The user's attention is drawn to possible risks related to using the product for any purposes, or in any way not allowed in this document.
  This safety information in no way dispenses users from thoroughly knowing and applying all regulatory texts related to their activity.

  Any user is solely responsible for the precautions undertaken when using the product.

RISK PHRASES UNDER EC No. 1272/2008 REGULATION

H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H240	Heating may cause an explosion.
H241	Heating may cause a fire or explosion.
H242	Heating may cause a fire.
H250	Catches fire spontaneously if exposed to air.
H260	In contact with water releases flammable gases which may ignite spontaneously.
H270	May cause or intensify fire; oxidiser.
H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H300	Fatal if swallowed.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.

H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects
H341	Suspected of causing genetic defects
H350	May cause cancer
H351	Suspected of causing cancer
H360	May damage fertility or the unborn child.
H361	Suspected of damaging fertility or the unborn child.
H362	May cause harm to breast-fed children.
H370	Causes damage to organs
H371	May cause damage to organs
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
EUH001	Explosive when dry.
EUH006	Explosive with or without contact with air.
EUH014	Reacts violently with water.
EUH018	In use may form flammable/explosive vapour-air mixture.
EUH019	May form explosive peroxides.
EUH044	Risk of explosion if heated under confinement.
EUH029	Contact with water liberates toxic gas.
EUH031	Contact with acids liberates toxic gas.
EUH032	Contact with acids liberates very toxic gas.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH070	Toxic by eye contact.
EUH071	Corrosive to the respiratory tract.
EUH059	Hazardous to the ozone layer.