

**LY-E Buffer**

**SECTION 1. Product identification**

<b>1.1. Product identifier</b>	LY-E Buffer Code: SUN-2Z01
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against:</b>	<i>In vitro</i> diagnostic device Buffer used with RESIST kits : - RESIST CTX-M (K-15R14) <b>FOR IN VITRO DIAGNOSTIC USE ONLY</b> For details, see insert
<b>1.3 Details of the suppliers of the Safety data sheet</b>	Coris BioConcept, CREALYS Science Park, Rue Guillaume Fouquet, 11 5032 Gembloux, Belgium. Ph: +32/81 719 917 ; Fax: +32/81 719 919 ; E-Mail: <a href="mailto:info@corisbio.com">info@corisbio.com</a> - Web Site: <a href="http://www.corisbio.com">www.corisbio.com</a>
<b>1.4 Emergency telephone number</b>	Contact the regional poison Control Center

**SECTION 2. Hazards identification**

<b>2.1 Classification of the substance or mixture</b>	Classification according to regulation (EC) No 1272/2008  Not classified. This product is not hazardous and does not contain hazardous ingredients at concentrations used.
<b>2.2 Labels Elements</b>	Labelling according to regulation (EC) No 1272/2008  No specific labeling
<b>2.3 Other Hazards</b>	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3. Composition/information on ingredients**

<b>3.1. Substances</b>	This product is a mixture												
<b>3.2. Mixtures</b>	<b>Components</b> <b>Hazardous substance</b>												
	<table border="1"> <thead> <tr> <th>Component</th> <th>CAS-No</th> <th>Classification of the component</th> <th>Concentration in the final product</th> </tr> </thead> <tbody> <tr> <td>Sodium azide</td> <td>26628-22-8</td> <td>Acute Tox. 2; Acute Tox. 1; STOT RE 2; Aquatic Acute 1; Aquatic Chronic 1; H300, H330, H310, H373, H400, H410</td> <td>&lt;0,1%</td> </tr> <tr> <td>NA2CO3</td> <td>497-19-8</td> <td>Eye Irrit. 2; H319</td> <td>&lt;1%</td> </tr> </tbody> </table>	Component	CAS-No	Classification of the component	Concentration in the final product	Sodium azide	26628-22-8	Acute Tox. 2; Acute Tox. 1; STOT RE 2; Aquatic Acute 1; Aquatic Chronic 1; H300, H330, H310, H373, H400, H410	<0,1%	NA2CO3	497-19-8	Eye Irrit. 2; H319	<1%
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NA2CO3	497-19-8	Eye Irrit. 2; H319	<1%										
For the full text of the H-Statements mentioned in this Section, see Section 16													
<b>Packaging material</b> Buffer bottle → polyethylene													
<b>Other information</b> Latex free													

**SECTION 4. First aid measures**

<b>4.1. Description of first aid measures</b>	<b>After inhalation :</b> If breathed in, move person into fresh air. Consult doctor in case of complaints
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	<p><b>After skin contact:</b> Take off contaminated clothing. Wash off with soap and plenty of water. Consult a physician.</p> <p><b>After eye contact:</b> Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses. Consult a physician.</p> <p><b>After ingestion:</b> Rinse thoroughly mouth with water provided the person is conscious. Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration.</p>
<b>4.2. Most important symptoms and effects, both acute and delayed</b>	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	No data available.
<b>SECTION 5. Firefighting measures</b>	
<b>5.1. Extinguishing media</b>	Suitable extinguishing media: The common fire extinguish media can be used (water spray, alcohol-resistant foam, dry chemical or carbon dioxide) Unsuitable extinguishing media: No data available.
<b>5.2. Special hazards arising from the substance or mixture</b>	No data available.
<b>5.3. Advice for fire-fighters</b>	Wear self-contained breathing apparatus for firefighting if necessary.
<b>SECTION 6. Accidental release measures</b>	
<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	Wear appropriate protective clothing (refer to point 8).
<b>6.2. Environment Precautions</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
<b>6.3. Methods and material for containment and cleaning up</b>	Sweep up and collect in appropriate container for waste disposal (refer to point 13) clean the floor and all other contaminated objects with water.
<b>6.4. Reference to other sections</b>	For disposal see section 13.
<b>SECTION 7. Handling and storage</b>	
<b>7.1. Precautions for safe handling</b>	Wear appropriate protective clothing (refer to point 8). Avoid breathing vapours/spray. Contaminated work clothing should not be allowed out of the workplace. Follow good laboratory practices. For precautions see section 2.2.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Store at room temperature, not above 30°C and not below 4°C. Keep container tightly closed in a dry and well-ventilated place. Do not heat or frozen components
<b>7.3. Specific end use(s)</b>	Buffer used with RESIST kits.
<b>SECTION 8. Exposure controls and personal protection</b>	
<b>8.1. Control parameters</b>	The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.
<b>8.2. Exposure controls</b>	
<b>8.2.1. Appropriate engineering controls</b>	Handle in accordance with good industrial hygiene and safety practice. Good laboratory practices (GLP). Wash hands before breaks and at the end of workday.

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<p><b>8.2.2. Personal protective equipment</b></p>	<p><b>Eye/face protection:</b> Safety goggles. <b>Skin protection:</b> Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. <b>Body Protection:</b> Laboratory coat. <b>Respiratory protection:</b> In case of insufficient ventilation, wear suitable respiratory equipment.</p>
<p><b>8.2.3. Environmental exposure controls</b></p>	<p>Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided (see sections 6 and 7).</p>
<p><b>SECTION 9. Physical and chemical properties</b></p>	
<p><b>9.1. Information on basic physical and chemical properties</b></p>	<p>Appearance: Liquid Odour: odourless pH: 9,5 Melting point/freezing point: No data available Initial boiling point and boiling range: No data available Flash point: No data available Evaporation rate: No data available Flammability (solid, gas): No data available Upper/lower flammability or explosive limits: No data available Vapour pressure: No data available Vapour density: No data available Relative density: No data available Solubility: Buffer easy to solute in water Partition coefficient: n-octanol/water: No data available Auto-ignition temperature: No data available Decomposition temperature: No data available Viscosity: No data available Explosive properties: No data available Oxidizing properties : No data available</p>
<p><b>9.2. Other safety information</b></p>	<p>No</p>
<p><b>SECTION 10. Stability and reactivity</b></p>	
<p><b>10.1. Reactivity</b></p>	<p>The product is stable in accordance with the recommended storage conditions.</p>
<p><b>10.2. Chemical stability</b></p>	<p>All the chemicals in the test kits are stable under recommended storage conditions.</p>
<p><b>10.3. Possibility of hazardous reactions</b></p>	<p>No data available.</p>
<p><b>10.4. Conditions to avoid</b></p>	<p>High humidity and the temperature out of 4-30°C.</p>
<p><b>10.5. Incompatible materials</b></p>	<p>No further relevant information available</p>
<p><b>10.6. Hazardous decomposition products</b></p>	<p>No dangerous decomposition products known In the event of fire: see section 5</p>
<p><b>SECTION 11. Toxicological information</b></p>	
<p><b>Acute toxicity:</b></p>	<p>Quantitative data on the toxic effects of this product is not available.</p>
<p><b>Irritation:</b></p>	<p>No data available.</p>
<p><b>Corrosivity:</b></p>	<p>No data available.</p>
<p><b>Sensitisation:</b></p>	<p>No data available.</p>
<p><b>Repeated dose toxicity:</b></p>	<p>No data available.</p>

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<b>Carcinogenicity:</b>	No carcinogenic materials are contained within this product
<b>Mutagenicity:</b>	No data available.
<b>Toxicity for reproduction:</b>	No data available.
<b>SECTION 12. Ecological information</b>	
<b>12.1. Toxicity</b>	No data available.
<b>12.2. Persistence and degradability</b>	The methods for determining biodegradability are not applicable to inorganic substances.
<b>12.3. Bioaccumulative potential</b>	No data available.
<b>12.4. Mobility in soil</b>	No data available.
<b>12.5. Results of PBT and vPvB assessment</b>	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
<b>12.6. Other adverse effects</b>	No data available.
<b>SECTION 13. Disposal considerations</b>	
<b>13.1. Waste treatment methods</b>	<ul style="list-style-type: none"> <li>- Collect samples in plastic bag and submit to sterilization procedures.</li> <li>- Rinse carefully polluted bench.</li> <li>- Contact a licensed professional waste disposal service to dispose of this material. Observe all federal state and regulations. Emptied bottles and vials may retain product residues: handle as if they were full.</li> </ul>
<b>SECTION 14. Transport information</b>	
<b>14.1. UN number</b>	ADR/RID : - IMDG : - IATA : -
<b>14.2. UN proper shipping name</b>	ADR/RID : - IMDG : - IATA : -
<b>14.3. Transport hazard classe(es)</b>	ADR/RID : - IMDG : - IATA : -
<b>14.4. Packaging group</b>	ADR/RID : - IMDG : - IATA : -
<b>14.5. Environmental hazards</b>	ADR/RID : - IMDG Marin pollutant : - IATA : -
<b>14.6. Special precautions for user</b>	See sections 6-8
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable
<b>SECTION 15. Regulatory information</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
<b>15.2. Chemical safety assessment</b>	For this product a chemical safety assessment was not carried out.
<b>SECTION 16. Other information</b>	
<b>Full text of H-Statements referred to under sections 2 and 3.</b>	

H300: Fatal if swallowed.

H310: Fatal in contact with skin.

H319: Causes serious eye irritation

H330: Fatal if inhaled.

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.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Coris BioConcept shall not be held liable for any damage resulting from handling or from contact with the above product.