

Product Number: CE2E1
Product Name: CypExpress™
2E1
Revision: 220831

1.1 Product Identification

Product Name: CypExpress™ 2E1, Human Cytochrome P4502E1 with reductase
Product Number: CE2E1.10
Brand: CypExpress™

1.2 Supplier

Company: Oxford Biomedical Research, Inc.
PO Box 522
Oxford, MI 48371
USA
Contact: 248-852-8815
info@oxfordbiomed.com

1.3 Relevant Uses

Identified uses: Synthesis of Substances, Laboratory Chemicals

1.4 Emergency Contact Number

Contact: 248-852-8815

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label or Precautionary Statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified

None

3.1 Substances: CE2E1 (10g)

Human enzymes in yeast

4.1 Description of first aid measures
If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

- 4.2 Most important symptoms and effects: acute or delayed**
The most important symptoms/effects are listed in section 2 and 11
- 4.3 Recommendations for immediate medical care or special treatment**
Treat symptomatically
- 5.1 Extinguishing media** Use water spray, dry chemical, or carbon dioxide
- 5.2 Special hazards** No data available

SECTION 6: Accidental Release Measures

- 6.1 Personal precautions and personal protective equipment** Standard laboratory personal protective equipment should be utilized.
- 6.2 Environmental precautions** No special environmental precautions are required.
- 6.3 Methods for containment and clean up** Wipe with absorbent material and dispose of in suitable container.

SECTION 7: Handling and Storage

- 7.1 Precautions for safe handling** Follow standard Good Laboratory Practices while using this product.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep container tightly closed. Recommended storage temperature is -70°C.

SECTION 8: Exposure Controls/Personal Protection

| | | |
|------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.1 | OSHA Permissible Exposure Limits | Contains no substances with occupational exposure limits. |
| 8.2 | Exposure controls | Follow standard Good Laboratory Practices while using this product. |
| 8.3 | Personal Protective Equipment | |
| | Eye/face protection | Use eye protection approved by NIOSH or EN166. |
| | Skin protection | Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use. |
| | Body protection | Wear a lab coat in accordance to standard Good Laboratory Practices. |
| | Respiratory protection | Respiratory protection is not required. |
| | Control of environmental exposure | No special environmental precautions are required. |

SECTION 9: Physical and Chemical Properties

| | |
|-------------------------|-------------------|
| Appearance | Powder |
| Odor | None |
| Flammability | Not flammable |
| Vapor Pressure | No data available |
| Odor Threshold | No data available |
| Vapor Density | No data available |
| pH | No data available |
| Relative Density | No data available |
| Melting Point | No data available |
| Freezing Point | No data available |
| Solubility | No data available |
| Boiling Point | No data available |

| | |
|----------------------------------|-------------------|
| Flash Point | No data available |
| Evaporation Rate: | No data available |
| Auto-ignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Viscosity | No data available |

SECTION 10: Stability and Reactivity

| | | |
|-------------|-------------------------------------------|---------------------------------------------------|
| 10.1 | Reactivity | No data available |
| 10.2 | Chemical Stability | Stable under recommended storage conditions |
| 10.3 | Possibility of hazardous reactions | No hazardous reactions known if used as intended. |

SECTION 11: Toxicological Information

| | | |
|-------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 11.1 | Toxicity | |
| | Acute toxicity | No data available |
| | Skin irritation | No data available |
| | Serious eye damage or irritation | No data available |
| | Respiratory or skin sensitization | No data available |
| | Germ cell mutagenicity | No data available |
| | Carcinogenicity | No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen. |
| | Reproductive toxicity | No data available |
| | Specific target organ toxicity | No data available |
| | Aspiration hazard | No data available |

SECTION 12: Ecological Information

| | | |
|-------------|--------------------------------------|-------------------|
| 12.1 | Toxicity | No data available |
| 12.2 | Persistence and degradability | No data available |
| 12.3 | Bioaccumulation potential | No data available |
| 12.4 | Mobility in Soil | No data available |
| 12.5 | Other adverse effects | No data available |

SECTION 13: Disposal Considerations

| | | |
|-------------|--------------------------------|------------------------------------------------------|
| 13.1 | Waste treatment methods | Dispose of product with a licensed disposal company. |
|-------------|--------------------------------|------------------------------------------------------|

SECTION 14: Transport Information

| | | |
|-------------|---------------|---------------------|
| 14.1 | US DOT | Not dangerous goods |
| 14.2 | IMDG | Not dangerous goods |
| 14.3 | IATA | Not dangerous goods |

SECTION 15: Regulatory Information

No known regulatory requirements.

SECTION 16: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Revision date: 8-31-22