Oxford Biomedical Research
SUPERIOR SCIENCE. RELIABLE RESULTS.

Safety Data Sheet
Product Number: GT35
Product Name: Cuvette Assay for GSH/GSSG (Reduced/Oxidized Glutathione)
Revision: 200131

SECTION 1: Identification

1.1 Product Identification

Product Name: Cuvette Assay for GSH/GSSG (Reduced/Oxidized Glutathione)

Product Number: GT35

Brand: Oxford Biomedical Research, Inc.

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: Measurement of reduced and oxidized glutathione in biological samples.

1.4 Emergency Contact Number

Contact: 248-852-8815

SECTION 2: Hazards Identification

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

SECTION 3: Composition/Information on Ingredients

3.1 Substances

GT35a Assay Buffer, 125ml
GT35b GSSG Standard, 2ml

GT35c Thiol Scavenger, 3ml
GT35d DTNB (5,5'-dithiobis-2-nitrobenzoic acid) Color Reagent, 4 Vials
GT35e 5% Metaphophoric Acid, 40ml
GT35f Recombinant Glutathione Reductase Enzyme, 130ul
GT35g NAPHP (Nicotinamide adenine dinucleotide phosphate), 4 Vials

SECTION 4: First Aid Measures

4.1 Description of first aid measures

If inhaled

If breathed in, move person info 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

No data available.

4.3 Recommendations for immediate medical care or special treatment

No data available.

SECTION 5: Fire-Fighting Measures

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 containers tightly closed. Recommended storage temperature is -20C for GT35f and GT35g. All other reagents can be stored at 4C.

SECTION 8: Exposure Controls/Personal Protecction

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
Water soluble

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 data available

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: 1-31-20