

Product Number: NF21
Product Name: Citrullinated Core Histones
Revision: 220818

1.1 Product Identification

Product Name: NF21 Citrullinated Core Histones
Product Number: NF21
Brand: Oxford Biomedical Research

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: Research Assay

1.4 Emergency Contact Number

Contact: 248-852-8815

2.1 Classification of the substance or mixture

May cause damage to organs through prolonged or repeated exposure

2.2 GHS Label or Precautionary Statements

Causes skin irritation. Causes eye irritation. May cause respiratory irritation.

2.3 Hazards not otherwise classified

None

3.1 Substances: Citrullinated Core Histones (100ug)

Sodium Chloride + Potassium Phosphate Monobasic Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335

**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 plenty of water. If symptoms persist consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. If symptoms persist consult a doctor.

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 During heating or in case of fire, poisonous gases are produced.

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 Do not allow product to enter sewers, surface water, or ground water.

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 | Do not let product enter drains |

SECTION 9: Physical and Chemical Properties

| | |
|-------------------------|-------------------|
| Appearance | Solid |
| Odor | Characteristic |
| Flammability | No data available |
| 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 | Soluble in water |
| Boiling Point | No data available |
| Flash Point | No data available |
| Evaporation Rate: | No data available |
| Auto-ignition Temperature | Product is not self-igniting |
| 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 | May cause irritation to skin and mucous membranes |
| | Serious eye damage or irritation | May cause irritation to eyes |
| | Respiratory or skin sensitization | No sensitizing effects known |
| | 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: 8-18-22