Oxford Biomedical Research
SUPERIOR SCIENCE. RELIABLE RESULTS.

Safety Data Sheet

Product Number: NF49
Product Name: Anti-VEGF
Revision: 220823

1.1 Product Identification

Product Name:	NF49 Anti-VEGF
Product Number:	NF49
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

Skin corrosion (category 1C), serious eye damage (category 1), skin sensitization (category 1), short term acute aquatic hazard (category 1), long term chronic (category 1)

2.2 GHS Label or Precautionary Statements

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Very toxic to aquatic life with long lasting effects.

2.3 Hazards not otherwise classified

None

3.1 Substances: Anti-VEGF (100ug)

Glycerine	
Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	Acute Tox. 3; Acute Tox. 2; Skin Corr. 1C; Eye Dam1; Skin Sens. 1A; Aquatic Acute 1; Aquatic Chronic 1; H301, H330, H310, H314, H318, H317, H400, H410

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Call a physician if symptoms persist

In case of skin contact

Wash off with soap and plenty of water. Remove contaminated clothing. Call a physician if symptoms persist

In case of eye contact

Flush eyes with plenty of water. Remove contact lenses. Call an ophthalmologist

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water (2 glasses at most). Avoid vomiting (risk of perforation). Call a physician. Do not attempt tot neutralize.

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, alcohol resistant foam, dry chemical, or carbon dioxide
5.2	**Special hazards**	Carbon oxides, nitrogen oxides, sulfur oxides, hydrogen chloride gas, magnesium oxide, potassium oxides, sodium oxides, oxides of phosphorus, ambient fire may liberate hazardous vapors.

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 let product enter drains
6.3	**Methods for containment and clean up**	Wipe with absorbent material and dispose of in suitable container. Cover drains.

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 -20°C.

SECTION 8: Exposure Controls/Personal Protection

8.1	**OSHA Permissible Exposure Limits**	
	Glycerine	Value: TWA Control Parameters: 5mg/m3
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	None
Flammability	No data available
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	7.4
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	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**	Violent reactions possible with strong oxidizing agents, alkali metals, bases, acids.

SECTION 11: Toxicological Information

11.1 Toxicity

Acute toxicity	No data available
Skin irritation	Mixture may cause burns
Serious eye damage or irritation	Mixture may cause serious eye damage
Respiratory or skin sensitization	Mixture may cause an allergic skin reaction
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**	Toxicity to fish, algae, bacteria, daphnia and other aquatic invertebrates
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**	Discharge into the environment must be avoided

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: 8-23-22