

48810 Kato Road, Suite 100E & 200E, Fremont, CA 94538  
Tel: +1 (800) 421-4149, Fax: +1 (510) 824-1490,

Doc. No. 931-FR000

Rev: A

## 1. Identification of the substance/preparation and company/undertaking

**PRODUCT NAME** : eFISH mRNA probes  
**MANUFACTURER** : BioGenex Laboratories Inc.  
**PRODUCT CODE** : FR000  
**SUPPLIER** : Omicsveu  
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Fremont CA 94538  
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## 2. Composition/information on ingredients

NAME	COMPONENT NAME	EC NO	CAS NO	CONTENT	CLASSIFICATION
eFISH mRNA probes	Formamide	215-778-9	75-12-7	Formamide	Repr. Cat. 2; R61

The full text for all R-phrases is displayed in Section 15.

## 3. Hazards identification

Toxic, may cause damage to unborn child.

## 4. First aid measures

### INHALATION

Move the victim to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.  
Notes to Physician: Treat symptomatically and supportively. No specific antidote exists

### INGESTION

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

### SKIN CONTACT

Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

### EYE CONTACT

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. DO NOT allow victim to rub or keep eyes closed.

## 5. Fire-fighting measures

### EXTINGUISHING MEDIA

Extinguishing materials should be selected according to the surrounding area.

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### SPECIAL FIRE FIGHTING PROCEDURES

Firefighters should wear proper protective equipment and self-contained breathing apparatus (SCBA) if necessary.

### UNUSUAL FIRE & EXPLOSION HAZARDS

NDA

### SPECIFIC HAZARDS

The product itself does not burn.

### PROTECTIVE MEASURES IN FIRE

Firefighters should wear proper protective equipment and self-contained breathing apparatus (SCBA) if necessary

## 6. Accidental release measures

### PERSONAL PRECAUTIONS

Use protective gloves and wear approved safety goggles. Wash hands at the end of each work shift and before eating, smoking, and using the toilet. If ventilation is insufficient suitable respiratory equipment should be provided.

### ENVIRONMENTAL PRECAUTIONS

Do not let the product enter drains.

### SPILL CLEAN UP METHODS

Wear self-contained breathing apparatus (SCBA) and full protective clothing. It is advised to avoid dust formation. Do not let the spilled material enter drains.

## 7. Handling and storage

**HANDLING:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with skin, eyes, and clothing.

**STORAGE:** Observe all federal, state, and local regulations when storing or disposing off this substance. Keep away from heat and flame. Do not store in direct sunlight. Store only in the original container and keep in a cool, well-ventilated place. Store, tightly closed, in the original vessel at temperatures printed on the label in the dark.

## 8. Exposure controls/personal protection

NAME	STD	LT (ppm)	LT (mg/m <sup>3</sup> )	ST (ppm)	ST (mg/m <sup>3</sup> )
Formamide	OSHA	NDA	NDA	30	30

### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

### HAND PROTECTION

Use protective gloves.

### EYE PROTECTION

Wear approved safety goggles.

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### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking, and using the toilet.

## 9. Physical and chemical properties

Appearance : Liquid  
Color : Colorless  
Odor : Odorless

## 10. Stability and reactivity

STABILITY : If stored correctly, the product is stable at least until the expiry date printed on the label.  
CONDITIONS TO AVOID : Abnormal temperatures  
DECOMPOSITION : NDA  
HAZARDOUS POLYMERIZATION : NDA

## 11. Toxicological information

EYE CONTACT : May cause irritation  
SKIN CONTACT : May be harmful and might cause irritation  
INGESTION : Maybe harmful if ingested  
INHALATION : May cause irritation of the respiratory tract  
CHRONIC : Liver and kidney damage. Depression of the central nervous system. Shortness of breath

## 12. Ecological information

Ecotoxicity : NDA  
Environmental Fate : NDA  
Physical/Chemical : NDA

## 13. Disposal considerations

Dispose in accordance with all applicable federal, state, and local environmental regulations.

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## 14. Transport information

### LAND TRANSPORT (ADR/RID)

No dangerous good in the sense of land transport regulations.

### INLAND WATERWAYS TRANSPORT (ADN)

Other applicable information (inland waterways transport): No dangerous good in sense of inland waterways transport regulations.

### MARINE TRANSPORT (IMDG)

Other applicable information (marine transport): No dangerous good in sense of marine transport regulations.

### AIR TRANSPORT (ICAO)

Other applicable information (air transport): No dangerous good in sense of air transport regulations.

## 15. Regulatory information

### Formamide

#### LABELING



SIGNAL WORD : Danger

RISK PHRASES : R61: May cause harm to the unborn child.

SAFETY PHRASES : S53: Avoid exposure - obtain special instructions before use.  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## 16. Other information

### Key abbreviations:

NDA: No Data Available

### Notice to reader

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