

PRODUCT NAME: **Hypoxia probe (LOX-1)**

MATERIAL SAFETY DATA SHEET

CODE: Hypoxia probe (LOX-1)

IDENTITY : CHEMICAL PRODUCT

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Hypoxia probe

Manufacturer/Supplier: ORGANOGENIX, Inc
KBIC#217, 7-7 Shin-kawasaki, Saiwai-ku,
Kawasaki-city, Kanagawa, Japan

Emergency Telephone Number: +81-44-580-3008

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.: Not available

NIOSH/RTECS No.: Not available

Composition: Not available

3. HAZARD IDENTIFICATION

Harmful if swallowed.

Irritating to eyes and skin.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing

4. FIRST AID MEASURES

GENERAL ADVICE : Wash off immediately with plenty of water. Use personal protective equipment.

INHALATION : Move victim to fresh air. If breathing is difficult, give oxygen. If irritation persists, consult a physician.

SKIN CONTACT : Remove contaminated clothes and shoes, rinse skin with plenty of water or shower. If irritation persists, consult a physician.

EYE CONTACT : Remove any contact lenses at once. Flush eyes well with flooding amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.

INGESTION : Rinse mouth, give plenty of water to dilute the substance. Never give anything by mouth to an unconscious person. Consult a physician.

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5. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising dust and avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS : Prevent spills from entering sewers, watercourses or low areas.

METHODS FOR CLEAN UP : Do not touch spilled material without suitable protection(See section 8). After material is completely picked up, wash the spill site with water and ventilate the area. Put all wastes in a plastic bag for disposal and seal it tightly. Remove, clean, or dispose of contaminated clothing.

6. HANDLING AND STORAGE

Research use only.

HANDLING : Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Handle material with suitable protection.

STORAGE : Store away from sunlight in well-ventilated dry place at room temperature. Keep container tightly closed.

INCOMPATIBLE PRODUCTS : Oxidizers

7. PERSONAL PROTECTION

PERSONAL PROTECTION:

Hand protection:	Chemical resistant gloves
Eye protection:	Safety glasses (goggles)
Skin protection:	Protective clothing

CONTROL PARAMETER:

OSHA Final Limits:	None established
ACGIH TLV(s):	None established

8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid (Blown powder)
Odor:	No
pH:	Not available
Boiling Point:	Not available
Melting Point:	Not available
Flash Point:	Not available
Flammability (solid, gas):	-----
Decomposition Temperature:	Not available

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Explosive Limits:	Not available
Vapor Pressure:	Not available
Specific Gravity:	Not available
Solubility in Water:	Not available
log Po/w	Not available

9. STABILITY AND REACTIVITY

Condition to Avoid:	Sunlight, heat
Hazardous Decomposition Products:	None identified.
Hazardous Polymerization:	Will not occur.

10. TOXICOLOGICAL INFORMATION

Acute Toxicity Data: Not available

Irritation Data: Not available

Additional Information:

NTP: Not listed

IARC: Not listed

OSHA: Not listed

ACGIH: Not listed

(1); EPA GENETOX PROGRAM 1988, Inconclusive: Mammalian micronucleus

(4); EPA GENETOX PROGRAM 1988, Inconclusive: Mammalian micronucleus

(5); EPA GENETOX PROGRAM 1988, Inconclusive: B subtilis rec assay

11. ECOLOGICAL INFORMATION

Biodegradability: Not available

Bioaccumulation Potential: Not available

Aquatic Toxicity: Not available

Other Information (1)-(4); WGK;-1

12. DISPOSAL CONSIDERATION

Burn in a chemical incinerator equipped with an afterburner and scrubber in with all applicable regulation. Any disposal practice must be in compliance with country, local, state, and federal laws and regulation (contact country, local or state environmental agency for specific rules).

13. TRANSPORT INFORMATION

Domestic (D.O.T.) proper shipping name: Chemicals, N.O.S. (Non-regulated)

International (I.M.O.) proper shipping name: Chemicals, N.O.S. (Non-regulated)

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Marine pollutants: No

Air (I.C.A.O.) proper shipping name: Chemicals, N.O.S. (Non-regulated)

U.S. Custom harmonization code number: 3507.9.0000

14. REGULATORY INFORMATION

US REGULATIONS

- (1) EPA : CERCLA RQ= Not listed
EPCRA TPQ = Not listed
FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR
RE-REGISTRATION EREAC Federal Register, 54, 7740, 1989
OSHA : TQ=Not listed
- (2) EPA : CERCLA RQ= Not listed
EPCRA TPQ = Not listed
FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR
RE-REGISTRATION
OSHA : TQ=Not listed
- (3)- (5) EPA : CERCLA RQ= Not listed
EPCRA TPQ = Not listed
OSHA : TQ=Not listed

EU Regulations;

SYMBOL: -

R-phrases: -----

S-phrases: -----

EC index No.(1) -(5); Not listed

15. OTHER INFORMATION

No specific notes

The above information is believed to be correct to be the best of our knowledge and information but does not purport to be all inclusive and shall be used only as a guide. This product is intended to be used by export persons having chemical knowledge and skill, at their own discretion and risk and ORGANOGENIX shall not be held liable for any damage resulting from handling or from contact with the above material.

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