

Material Safety Data Sheet



PRODUCT: BIO-NOX

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

This product contains no ingredients listed in the HSIS Consolidated List at or above the concentration cut-off level.

SECTION 4: FIRST AID MEASURES

ACUTE

Ingestion: If swallowed DO NOT induce vomiting. Seek medical attention immediately.

Eye: In case of contact hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash or blistering) persists.

Skin: Remove contaminated clothing and shoes. Wash affected areas thoroughly with soap and water. Wash clothing before reuse. Contact doctor if irritation persists.

Inhalation: May be irritating to the respiratory tract. If irritation, headache, nausea or drowsiness occurs remove to fresh air. Get medical attention if breathing becomes difficult or symptoms persist.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Use CO₂ (Carbon Dioxide), dry chemical or foam

Hazardous products of combustion:

Combustion may produce carbon monoxide, carbon dioxide and various hydrocarbon derivatives.

Special protective precautions and equipment for fire-fighters:

Fire-fighters should wear self-contained breathing apparatus and full protective gear. Water can be used to cool and protect exposed material. Avoid spreading burning liquid with water used for cooling purposes.

Hazchem code: No Data Available

SECTION 6: ACCIDENTAL RELEASE MEASURES

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Emergency procedures:

Cleanup personnel should wear suitable protective equipment. Do not allow product to enter drains, sewers or water courses.

Methods and materials for containment and clean up

Dike or impound spilled material. Contain and/or absorb spill with inert material (e.g. sand, vermiculite). Collect into vaportight containers and dispose of properly.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Keep container closed when not in use. Use only with adequate ventilation.

Conditions for safe storage, including any incompatibilities

Store product in a cool dry environment away from sources of ignition.

Prevent exposure to freezing temperatures.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards

No Data Available

Biological limit values

No Data Available

Engineering controls

Use with adequate ventilation to keep product vapour concentrations below specified TLV.

Personal protective equipment

Eye/Face Protection: Chemical goggles and or face shields are required to prevent potential eye contact, irritation or injury.

Skin Protection: wash exposed skin frequently with soap and water. Soiled clothing should be laundered before reuse.

Respiratory Protection: General room ventilation is normally adequate. Avoid breathing the product mist. The use of a NIOSH approved respirator is recommended whenever the airborne concentrations exceed the TLV.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White emulsion

Odour: Little or no odour

PH: No Data Available

Vapour Pressure: No Data Available

Boiling Point / Range: 100 deg C

Freezing / Melting Point: No Data Available

Solubility in Water: Soluble

Specific Gravity: .971 (Water = 1.0)

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Flashpoint and Method: > 96 C (PMCC)

Flammability Limit: No Data Available

Explosive Limit: No Data Available

Ignition Temperature: No Data Available

Other Properties:

Specific Heat Value: No Data Available

Particle Size: No Data Available

Volatile Organic Compound Content (VOC): Less than 100 grams per litre

Evaporation Rate: No Data Available

Viscosity: No Data Available

Percent Volatile: No Data Available

Octanol / Water Partition Coefficient: No Data Available

Vapour Density: No Data Available

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable

Conditions to avoid: No Data Available

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Combustion may produce carbon monoxide, carbon dioxide and various hydrocarbon derivatives.

Hazardous reactions: No Data Available

SECTION 11: TOXICOLOGICAL INFORMATION

Health effects – Acute

Ingestion

Aspiration hazard if swallowed. Can enter lungs and cause damage.

Eye

May cause eye irritation.

Skin

May cause skin irritation.

Inhalation

May be harmful if inhaled.

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No Data Available
Persistence and biodegradability: No Data Available
Mobility: No Data Available
Additional information: No Data Available
Environmental fate (exposure): No Data Available
Bioaccumulative potential: No Data Available

SECTION 13: DISPOSAL CONSIDERATIONS

Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all applicable local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

Special precautions for landfill or incineration: No Data Available

SECTION 14: TRANSPORT INFORMATION

UN Number: Not applicable
UN Proper Shipping Name: Not applicable
Class and subsidiary risk: Not applicable
Packaging Group: Not applicable
Special Precautions for User: No Data Available
Hazchem Code: No Data Available

SECTION 15: REGULATORY INFORMATION

Poisons Schedule: No Data Available
NICNAS Status: No Data Available

SECTION 16: OTHER INFORMATION

Carcinogenicity

No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational Safety and Health Act, or the International Agency on Research on Cancer (IARC).

Reference Documentation

The information contained herein is based on data available to us and is believed to be correct. Since this information may have been obtained in part from independent

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NOX-CRETE MANUFACTURING INC.