

NICO ORGO MANURES

Opp. Railway Station, Dakor – 388 225. (Gujarat) India.

Phone: 91 (2699) 244403, 244611. Fax: 91 (2699) 244903

E-mail: nicoorgo@orgoneem.com Website : www.neemnico.com

Material Safety Data Sheet

FUMEX NICOTINE Fumigator

Section I

Identity Name: Nicotine Alkaloid

Chemical Name: 1-methyl-2 (3-pyridyl) Pyrrolidine)

FUMEX NICOTINE Fumigator contains only one active hazardous chemical, Nicotine Alkaloid, described on the safety data sheet in the amount of 13.8%; mixture dry.

Section II

Emergency Numbers Nico Orgo Manures
Opp.Railway Station,
Dakor – 388225
+91-2699-244403

Section III

Shipping DOT Classification : Nicotine Preparations, Solid, Toxic n.o.s., (Nicotine Alkloyed),

Class 6.1, UN 1655, Packing Group II, Poison B.

Freight Carriers : Typically Yellow, Old Dominion; NO UPS Shipments. Poison Placard over 1000 pounds.

Section IV

Physical Appearance & Odor : Colorless to brown oily liquid; unpleasant, pungent odor
Characteristics

Section V

Chemical Melting Point : Less than -80°C
Character- Vapor Pressure : 0.042mm (7 25°C)
istics Boiling Point : 246°C / 730mm
Vapor Density : 5.61
Weight per ml at 20°C: 1.010g
Solibility in water : Completely miscible below 60°C and above 210°C

Section VI

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Fire And Explosion Flash Point : Combustible Explosive Limits 0.75 to 4.0%

Hazard Fire Fighting Measures: CO₂ or Dry Powder or Vaporizing Liquids; Alcohol Foam

The use of water or foam may cause frothing and should not be used to extinguish fires.

Dangerous when heated to decomposition; emits NO_x, CO and other highly toxic fumes; can react with oxidizing agents.

Section VII

Physical Stability : Darkens in color on exposure to air or light

Hazard Reaction with water : None

Decomposition Products : Highly Toxic Fumes

Other Known Hazards : Can react with oxidizing materials

Hazardous Polymerization : No

Section VIII

Health **Emergency First Aid**

Hazard

Inhalation : Very Toxic. Remove from exposure; rest and keep warm maintain respiration until medical attention is obtained.

Eyes : Irritates. Irrigate thoroughly with cold water; if splashing has occurred; obtain medical attention.

Skin Contact : Very Toxic. Remove contaminated clothing and wash before re-use. Drench thoroughly with cold water; obtain medical attention immediately.

Section IX **Toxicity:** TLV(skin) : 0.5mg/m

LD₅₀ TD oral, man : 0.5mg/kg

Section X **Other Comments** : Can be absorbed through unbroken skin and mucous membranes.

Section XI

Special Respirator : Self-contained.

Protective

Measures Ventilation : Fume cupboard/cubicle.

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Gloves : Nitrile or PVC.

Eye Protection: Goggles

Other Precautions: Plastic apron, sleeves, boots-when handling other than very small quantities.

Refer to product labeling for US EPA, Worker Protection Standard Uses and Precautions enacted April 21, 1994.

Section XII

Disposal Spillage Disposal : Wear appropriate protective clothing.

Spill & Leak

Procedures Small Spillage : Mop up with plenty of water and pour onto ground in safe open area.

Large Spillage : Spread sand or earth to contain spillage. Transfer to salvage container and treat residue as for small spillage. If any liquid has entered surface drains or sewers, inform local authorities. Dispose of sand or earth by weathering in a safe place. Soil quickly degrades Nicotine into harmless products.

Section XIII

Disposal of containers: As per the requirements of the local authorities.

Do not recycle for food or domestic purpose.

Section XIV

Accidental release: Not applicable as is in powder form.

Section XV

Stability and Reactivity: Stable and non-reactive.

Section XVI

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The above information is believed to be correct but does not does not purport to be all inclusive and shall be used only as a guide.

Nico Orgo Manures assumes no legal responsibility for the use or reliance on these data.
