

# NICO ORGO MANURES

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

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

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## MATERIAL SAFETY DATA SHEET

### Nicotine Sulphate 40 %

#### \*\*\*\* SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION \*\*\*\*

MSDS Name: Nicotine Sulphate 40 %

Company Identification:

**Nico Orgo Manures**

Opp.railway station,

Dakor-388225,

Gujarat, India.

Tel. 0091 2699 244403

Fax. 0091 2699 244903

#### \*\*\*\* SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS \*\*\*\*

CAS#	Chemical Name	%	EINECS#
65-30-5	Nicotine Sulphate	40	200-193-3

#### \*\*\*\* SECTION 3 - HAZARDS IDENTIFICATION \*\*\*\*

EMERGENCY OVERVIEW

Appearance: Dark Brown Liquid

Eye:

May cause eye irritation.

Skin:

May cause slight skin irritation.

#### \*\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\*\*

Eyes:

Flush eyes with water.

Skin:

Flush skin with soap and water

#### \*\*\*\* SECTION 5 - FIRE FIGHTING MEASURES \*\*\*\*

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and protective gear.

#### \*\*\*\* SECTION 6 - ACCIDENTAL RELEASE MEASURES \*\*\*\*

General Information: Use proper personal protective equipment

Spills/Leaks:

Avoid runoff into storm sewers and ditches which lead to waterways.

#### \*\*\*\* SECTION 7 - HANDLING and STORAGE \*\*\*\*

Handling:

Wash after handling. Remove contaminated clothing and wash before reuse.

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## Storage:

Store in a cool, dry, well-ventilated area Keep away from strong acids.

## \*\*\*\* SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION \*\*\*\*

### Skin:

Wear gloves.

### Clothing:

Wear appropriate protective clothing to prevent skin exposure.

### Respirators:

Use respirator if required

## \*\*\*\* SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES \*\*\*\*

Physical State: Liquid

Appearance: Brownish black liquid

Odor: Slight fish odor when warm.

pH: 5.5-6.5

Vapor Density: 14.5 (air=1)

Evaporation Rate: Not available.

Viscosity: exposure to air

Boiling Point: Not found

Freezing/Melting Point: Not Found

Decomposition Temperature: Not available.

Solubility: IN WATER: MISCIBLE BELOW 60°C

Specific Gravity/Density: 1.15

Molecular Formula: ( C10H14N2 )2.H2SO4

Molecular Weight: 422.56

## \*\*\*\* SECTION 10 - STABILITY AND REACTIVITY \*\*\*\*

### Chemical Stability:

Stable at room temperature in closed containers under normal storage and handling conditions.

## \*\*\*\* SECTION 11 - TOXICOLOGICAL INFORMATION \*\*\*\*

### RTECS#:

### Carcinogenicity:

Nicotine -Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

### Epidemiology:

No information available.

### Neurotoxicity:

No information available.

### Other Studies:

Please refer to RTECS QS5250000 for additional data.

## \*\*\*\* SECTION 12 - ECOLOGICAL INFORMATION \*\*\*\*

### Ecotoxicity:

No information reported.

### Physical/Chemical:

No information available.

### Other:

None.

## \*\*\*\* SECTION 13 - DISPOSAL CONSIDERATIONS \*\*\*\*

Dispose of in a manner consistent with federal, state, and local regulations.



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RCRA D-Series Maximum Concentration of Contaminants:

None listed.

RCRA F-Series: None listed.

RCRA U-Series: None listed.

**\*\*\*\* SECTION 14 - TRANSPORT INFORMATION \*\*\*\***

US DOT

Shipping Name: NICOTINE SULPHATE

Safe for Transport

**\*\*\*\* SECTION 15 - REGULATORY INFORMATION \*\*\*\***

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

SARA

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depletors.

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority

Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

**\*\*\*\* SECTION 16 - ADDITIONAL INFORMATION \*\*\*\***

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Nico Orgo Manures be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Fisher has been advised of the possibility of such damages.