



Botanic Planet

Your Supplier for Essential Oils & Botanicals Canada Inc.

MATERIAL SAFETY DATA SHEET

I. Product:

Niacinamide (Vitamin B3)

Description:

Fine White Crystalline Powder

Distributor:

Botanic Planet Canada Inc.
2 Bram Court, Unit # 3,
Brampton, ON, L6W 3R6

Emergency Contact Information:

Botanic Planet Canada Inc.
2 Bram Court, Unit # 3,
Brampton, ON, L6W 3R6

II. Composition/Information on Ingredient

III. Hazards Identification

CAS Number:

98-92-0

Ingredient

Nicotinic acid amide, Pyridine-3-carboxylic acid amide, Vitamin PP

Chemical Formula:

C₆H₆N₂O



Emergency Overview:

This product is a potential irritant to eyes, respiratory system, and skin. This product may also be harmful if ingested. Other symptoms include anorexia, excessive salivation, pallary constriction, bronchoconstriction, respiratory failure, tightness of the chest, coma, pulmonary, ureter, and bladder effects. Complete toxicological properties have yet to be determined.

Routes of Exposure:

Absorbed through skin, eye contact, inhalation, and ingestion.

Potential Health Effects:

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

Chronic Effects/Carcinogenicity: Not available.

OSHA Regulatory Status: Not available.

IV. First Aid

V. Fire Fighting Measures



Eyes:

In case of contact with eyes, flush thoroughly with water. Call a physician.

Skin:

In case of contact with skin, wash the affected area with soap and copious amounts of water. Should irritation occur, contact a physician.

Ingestion:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation:

If inhaled, remove person to fresh air. If breathing becomes difficult, call a physician.

Flash Point/Method: 150°C /closed cup

Explosive Limits:

Upper: Not available

Lower: Not available

Autoignition Temperature: Not available.

Hazardous Combustion Products: Emits toxic fumes under fire conditions.

Conditions of Flammability: Not available.

Extinguishing Media: Water spray, dry chemical powder, or appropriate foam.

Fire-Fighting Procedures: Not available

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

VI. Accidental Release Measures

VII. Handling and Storage

Leak and Spill Procedure:

Wear chemical-resistant gloves. Absorb spill and place in closed container for disposal. Ventilate and wash area thoroughly after cleanup is complete.

Handling:

Should be handled by trained personnel observing good laboratory practices. Avoid breathing vapor. Avoid skin contact or swallowing. Keep away from incompatibles such as oxidizing agents.

Storage

Store at room temperature (15-25°C)

VIII. Exposure Controls / Personal Protection

IX. Physical and Chemical Properties

Engineering Controls:

Use with adequate ventilation.

Personal Protective Equipment:

Physical State

Solid

pH

Appearance

Fine white crystals

Vapor Density

Respiratory Protections: This is a laboratory use product for which no industrial protective equipment has been designated.

Eye Protection: Safety glasses

Skin Protection: Lab coat, latex gloves

General Hygiene Considerations: Wash hands after use.

Exposure Limit: Not available.

ACGIH TLV-TWA: Not available.

OSHA PEL-TWA: Not available.

Not available

Boiling Point

Not Available

Melting Point

Approximately 128°C

Freezing Point

Not available

Vapor Pressure

Not available

Specific Gravity

Not available

Not available

Evaporation Rate

Not available

Solubility in Water

Not Available

Odor Threshold

Not applicable

Odor:

Odorless

Coefficient of Water/Oil Distribution

Not available

X. Stability and Reactivity

Hazardous Polymerization:

Not available

Hazardous Decomposition/By-Products:

Carbon monoxide, Carbon dioxide, Nitrogen oxides

Chemical Stability:

Stable

Incompatibility (Material to Avoid):

Strong oxidizing agents

XI. Toxicological Information

Effects of Short-Term Exposure:

Rat Liver Cells (DOSE: 20 mmol/l):

Rat Ovary (DOSE: 25 mg/kg):

Hamster Ovary (DOSE: 5 mmol/l):

Effects of Long-Term Exposure:

Irritancy of Product:

Sensitization to Product:

Carcinogenicity:

Reproductive Toxicity:

Teratogenicity and Embryotoxicity:

Mutagenicity:

Name of Toxicologically Synergistic Products: Not Available.

LD50 (specify species and route):

Rat (Oral):

Rat (Subcutaneous):

Mouse (Oral):

Mouse (Intraperitoneal)

Mouse (Subcutaneous)

LC50 (specify species)

Human Lymphocytes (DOSE: 10 mmol/il):

Sister Chromatid Exchange

DNA Inhibition

Body Fluid Assay

Sister Chromatid Exchange

Not available

Not available

Not available

Not available

Not available

Not available

Not available

Not available

Not available

3500 mg/kg

1680 mg/kg

2500 mg/kg

2050 mg/kg

2 g/kg

Not available

XII. Ecological Information

No Data

XIII. Disposal Consideration

Waste Disposal Method:

Disposal should be in accordance with existing practices at your institution. Observe all Federal, Provincial, and Local Laws.

XIV. Other Regulatory Information

Transport Canada

PIN No: Not available

US Department of Transportation:

Proper Shipping Name: Not Available

Hazard Class: This substance is not known to be hazardous for transport.

ID Number: Not available

Packing Group: Not available

Label Statement: Not available

XV. Other Information

Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

Botanic Planet Canada Inc.

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