



**MATERIAL SAFETY DATA SHEET FOR
NICOTINAMIDE (NIACINAMIDE)**

1. IDENTIFICATION

Common Name : NICOTINAMIDE
Chemical Name : PYRIDINE 3-CARBOXAMIDE
Chemical Group : Heterocyclic
Formula : C₆H₆N₂O
Molecular Weight : 122.1

2. COMPOSITION : It contains only Nicotinamide

3. HAZARDS IDENTIFICATION

Emergency Overview : White crystalline powder, almost odorless. Combustible as it is organic Product.

Breathing : Data not available

Skin Contact : Wash with water

Eye Contact : Rinse immediately with plenty of water

4. FIRST AID : Nicotinamide is generally recognized as safe substance.

Super Explosion Effects
Ventilation : Local ventilation is convenient

5. Fire Fighting Measures : CO₂, Foam and sand

6. Accidental Release Measures : Unusual Fire and Explosion Risks: None

7. Handling and Storage
Respirator : Face mask with filtered air
Gloves : Rubber
Eye Protection : Common glasses
Storage : Should be stored in Tiger container

8. Exposure Controls /Personal Protection

Niacin is generally recognized as safe substance. It has no toxic exposition effects. Face Mask with filtered air, Rubber gloves and common glasses are used for personal Protection.

9. Physical & Chemical Properties

Appearance and odour	: White crystalline powder, almost Odorless
Boiling point	: Distills at 150 – 160 oC at 5 x 10 ⁻⁴ mm Hg
Vapor pressure	: Data not available
Vapor density	: Data not available
Lipid solubility	: Data not available
Specific gravity	: Data not available
Water solubility	: Freely soluble
Octane/water partition	: Data not available. Co-efficient
pH	: 5% w/v solution in distilled water is 6.0 to 7.5
Saturation in air	: Data not available
Evaporation Rate	: Data not available
Melting Point	: 128 to 131oC
Percent volatile	
Product use	: Data not available. : Vitamin (Enzyme cofactor).Nutritional factor in Nicotinic Acid deficiency.

10. Stability and Reactivity

Should be protected from light at room temperature. Should be retested after every Year

11. Toxicological Information

Cas # [98-92-0]

: It will not evaporate at normal room

Temperature conditions and thus causes no

Sign and Symptoms of Overexposure in working place of over symptoms exposure.

Medical conditions generally recognized as begging aggravated by exposure

: Data not available.

Primary routes of exposure/entry : Intramuscular injection or oral.

Cancer Information : Not carcinogenic.

Reported human effects : Practically nil

Reported animal effects : Practically nil

Others: LD 50 S.C in rats : 1.68 grams/Kg

12. Ecological Information

Ecotoxicological Information : Not available.

13. Disposal Considerations

- Waste disposal : Dispose of in accordance with all federal,
State and local regulation.
- Container disposal : Dispose of in accordance with all federal,
State and local regulation.
14. Transport Information
Land
Rail Road : Not restricted
Sea : Not restricted
Air : Not restricted
15. Regulatory Information
Chronic Health Hazard : No
Acute Health Hazard : No
Fire Hazard : No
Sudden Pressure : No
Reactivity Hazard : No
16. Other Information : This products is intended for
Manufacturers use only