



**MATERIAL SAFETY DATA SHEET FOR
METHYL NICOTINATE**

1. IDENTIFICATION

Common Name : METHYL NICOTINATE
Chemical Name : Methyl Pyridine-3-Carboxylate
(NICOTINIC ACID METHYL ESTER)
Chemical Group : Ester
Formula : C₇H₇NO₂
Molecular Weight : 137.1

2. COMPOSITION : It contains only Methyl Nicotinate

3. HAZARDS IDENTIFICATION

Emergency Over View : White or almost white, crystals or partially crystalline material; odour, characteristic. Combustible as it is organic Product.
Breathing : No bad effects reported.
Skin contact : May cause contact dermatitis after prolonged contact.
EYE Contact : Can cause eye irritation like many other organic substances.

4. FIRST AID : Methyl Nicotinate is generally recognised as safe substance.

Super Exposition Effects : Not toxic
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 well closed container.
Keep away from sun light

8. Exposure Controls/Personal Protection
Methyl Nicotinate 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 : White or almost white, crystals or partially Crystalline material; odour, characteristic
Solubility : Very soluble in water, in chloroform and in ethanol (96%); freely soluble in ether
Melting Point : 40 to 42°C
Boiling Point : 209°C at 760 Torr
Flash Point : Not available
Product use : Vasodilator/Drug Intermediate
10. Stability and Reactivity
Should be protected from light at room temperature. Should be retested after every year
11. Toxicological Information
Cas # [93-60-7]
Oral, LDO : > 2000 mg/kg (rat)
Oral, LD50 : Not available (rat)
Effect on skin and eyes : Irritant and vasodilator
This is generally recognized as safe substance
12. Ecological Information
Ecotoxicological information : Not available
13. Disposal Considerations
Waste disposal : Dispose of in accordance with all federal, state, and Local regulations
Container Disposal : Dispose of in accordance with all federal, state, and Local regulations
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 product is intended for manufacturers use only