



**MATERIAL SAFETY DATA SHEET FOR
METHYL ISO NICOTINATE**

1. IDENTIFICATION

Common Name : METHYL ESTER OF ISONICOTINIC ACID
Chemical Name : Methyl Pyridine-4-Carboxylate
(ISONICOTINIC ACID METHYL ESTER)
Chemical Group : Ester
Formula : C7H7NO2
Molecular Weight : 137.1

2. COMPOSITION : It contains only Methyl Ester of Isonicotinic Acid

3. HAZARDS IDENTIFICATION

Emergency Over View : Colour less to straw coloured liquid with
characteristic Odour
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 : Colourless to straw coloured liquid with
Characteristic odour. Solubility : Very soluble in
water, in chloroform and in ethanol (96%): freely
soluble in ether
Melting Point : 8 to 8.5°C
Boiling Point : 207°C at 209°C
Flash Point : 180 F (82°C)
Product use : Drug Intermediate
10. Stability and Reactivity
Should be protected from light at room temperature. Should be retested after every six months
11. Toxicological Information
Cas # [2459-09-8]
Oral, LDO : 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