



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

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1. IDENTIFICATION

Common Name	: ETHYL ISO NICOTINATE
Chemical Name	: Ethyl Pyridine-4-Carboxylate (ISONICOTINIC ACID ETHYL ESTER)
Chemical Group	: Ester
Formula	: C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>
Molecular Weight	: 151.17

2. COMPOSITION : It contains only Ethyl Iso Nicotinate

3. HAZARDS IDENTIFICATION

Emergency Over View : Colourless to light yellowish clear liquid.  
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 Isonicotinate is generally recognized as safe substance

Super Exposition Effects : Not toxic

Ventilation : Local ventilation is convenient

5. Fire Fighting Measure : CO<sub>2</sub>, 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

Ethyl Iso 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 light yellowish clear liquid. Odour,characteristic.
Solubility	: Very slightly soluble in water, soluble in cetone, Methanol, ethanol (96%) and in chloroform
Boiling point	: 92 oC / 8mm
Flash point	: 190 oF (87 oC)
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 # [1570-45-2]	
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
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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