



**MATERIAL SAFETY DATA SHEET FOR  
BENZYL NICOTINATE**

---

1. IDENTIFICATION

Common Name : BENZYL NICOTINATE  
Chemical Name : Benzyl pyridine-3-Carboxylate  
(NICOTINIC ACID BENZYL ESTER)  
Chemical Group : Ester  
Formula : C<sub>13</sub>H<sub>11</sub>NO<sub>2</sub>  
Molecular Weight : 213.24

2. COMPOSITION : It contains only Benzyl Nicotinate

3. HAZARDS IDENTIFICATION

Emergency Over View : Clear yellowish liquid. Combustible as it is  
Organic  
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 : Benzyl Nicotinate is generally recognized as safe  
Substance

Super Exposition Effects : Not toxic  
Ventilation : Local ventilation is convenient

5. Fire Fighting Measures : 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 protected from light at +15 to +25 oC

8. Exposure Controls/Personal protection  
Benzyl 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    | : Clear yellowish liquid: tending to solidification<br>When being exposed room temperature                         |
| Solubility    | : Very slightly in water. Soluble in Acetone,<br>: Dichloromethane, Ethanol (96%), Diethyl ester<br>and chloroform |
| Product use   | : Intermediate   |
| Melting Point | : 24°C   |
| Odour         | : Characteristic   |
| Flash point   | : > 235 o F (110 oC)   |
| Boiling point | : 170 Deg C ( at 3-4 mm pressure)  |
| Density       | : 1.16   |
10. Stability and Reactivity  
Should be protected from light at +15 to +25 oC Should be retested after every year
11. Toxicological Information  
Cas # [94-44-0] 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