



Material Safety Data Sheet

Product Name: Ethyl 4-Aminobenzoate (Benzocaine)

PPEC Ltd

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Ethyl 4-Aminobenzoate 99.5%

Synonyms: 4-Aminobenzoic Acid Ethyl Ester.

Company Identification:

PPEC Ltd, Sheepmarsh Lane, North Cotes Lincolnshire, DN36 5UU

For information call: 07741 161471 | 01472 389 545

Emergency Number 07741 161471

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS #	Chemical Name	Content %	EINECS #
94-09-7	Ethyl 4-Aminobenzoate	99.5%	202-3-3-5

SECTION 3 - HAZARDS IDENTIFICATION

- **Potential Health Effects**
- Eye:
May cause eye irritation.
- Skin:
May cause skin irritation

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- Ingestion:
May cause gastrointestinal irritation with nausea, vomiting and diarrhea.
- Inhalation:
May cause respiratory tract irritation.
- Chronic:
No Information Found

SECTION 4 - FIRST AID MEASURES

- Eyes:
Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
- Skin:
Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
- Ingestion:
If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.
- Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, Give oxygen. Get medical aid if cough or other symptoms appear.

SECTION 5 - FIRE FIGHTING MEASURES



- General Information:
As in and fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gasses may be generated by thermal decomposition or combustion.
- Extinguishing media:
In case of fire, use water spray, dry chemical, carbon dioxide, or appropriate foam.

SECTION 6 - Accidental release measures

- General Information:
use proper personal protective equipment as indicated in section 8.
- Spills /leaks:
Vacuum or sweep up material and place into a suitable disposal container. Wash area with soap and water. clean up spills immediately, observing precaution in the protective equipment section. Avoid generating dusty.

SECTION 7 - Handling and storage

- Handling:
 - Was thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, Skin, And clothing. Keep Container tightly closed. Avoid ingestion and inhalation.
- Storage:
 - Keep in container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances.



SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

- Engineering Controls: Use adequate ventilation to keep airborne concentrations low.
 - Personal Protective Equipment:
 1. Eyes: wear appropriate eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
 2. Skin: Wear appropriate protective gloves to prevent skin exposure.
 3. Clothing: Wear appropriate protective clothing to prevent skin exposure.
 4. Respirations:
 5. Follow the OSHA respirator regulations found in 29CFR 1910.135 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.
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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Crystal
Appearance:	White
Oder:	N.A.
pH	N.A.
Vapour Pressure	N.A.
Vapour Density:	N.A.
Evaporation Rate:	N.A.
Viscosity:	N.A
Boiling Point:	172 deg c @ 17.00 HPA
Freezing Point/Melting Point	89.0-92.9 deg. c
Auto ignitiion Temperature:	>450 e.g. c (>842.00 deg F)
Flash Point:	>100 deg c (>212.00 deg F)
Explosion Limits, Lower:	N.A.
Explosion Limits Upper:	N.A.
Decomposition Temperature:	N.A.
Solubility in water	1 g/2500 ml water
Specific Gravity/Density	N.A
Molecular Formula	C9H11No2



Molecular Weight	165.19
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(N.A. = Not Available)

SECTION 10 - STABILITY AND REACTIVITY

- Chemical Stability:
Stable under normal temperatures and pressures.
- Conditions to Avoid:
Incompatible materials, dust generation. Strong oxidants.
- Incompatibilities with other materials:
Oxidizing Agents, Reducing Agents, Acid Bases.
- Hazardous Decomposition Products:
Nitrogenoxide, Carbon monoxide, Irritating and toxic fumes and gases, carbon dioxide, Nitrogen.
- Polymerization:
Has not been reported.

SECTION 11 - TOXICOLOGICAL INFORMATION

CAS# 619-45-4

LD50/LC50: CAS# 94-09-7: Oral, mouse: LD50 = 2500mg/kg; Oral. Rat: LD50 3042 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

No Information



SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulation.

SECTION 14 - TRANSPORT INFORMATION

Not Regulated.

SECTION 15 - REGULATORY INFORMATION

European/International Regulations

European Labelling in Accordance with EC Directives

Hazard Symbols: XI

Risk Phrases

R 36/37/38 Irritating to eyes, respiratory system and skin.

R 43 may cause sensitization by skin contact.

Safety Phrases:

S 24 Avoid Contact with skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 94-09-7: 2



Canada

CAS# 94-09-7 is listed on Canada's DSL List

US Federal

TSCA CAS# 94-09-7 is listed on the TSCA Inventory.

SECTION 16 - OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special indirect, incidental consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.