



## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

ASDI Number: 500009805  
Address: 601 Interchange Blvd., Newark, DE 19711  
Emergency Tel No: (302) 266-6891 ASDI  
Fax: (302) 266-8296 ASDI

### 2. COMPOSITION AND INFORMATION ON COMPONENTS

Product Name: 4-Tert-Butylaniline  
CAS No: 769-92-6  
Synonyms: No data

### 3. HAZARDS IDENTIFICATION

Designation: Irritant; Harmful  
General Risk: Avoid inhalation, contact with skin or eyes, and ingestion. Follow safe industrial hygiene practices and always wear personal protective equipment when handling this compound.; Harmful if inhaled, swallowed, or absorbed through the skin; Irritating to skin, eyes, and respiratory system.

### 4. FIRST AID MEASURES

Inhalation: Remove to fresh air. In cases of serious discomfort seek medical attention. If not breathing, trained personnel should administer oxygen or artificial respiration.  
Eye Contact: Flush with copious amounts of water for at least 20 minutes. Seek immediate medical attention.  
Skin Contact: Remove contaminated clothing. Rinse affected area with copious amounts of water. Rinse thoroughly. In case of skin damage or persistent irritation seek immediate medical attention. Show the physician the container details.  
Ingestion: Call a physician or poison control center immediately. Induce vomiting only if instructed to do so by medical personnel. Seek immediate medical attention.

### 5. FIRE FIGHTING MEASURES

Extinguishing Medium: Extinguish with foam, dry powder, CO<sub>2</sub>, or water.  
Protective Equipment: Wear self-contained breathing apparatus and protective clothing. Most compounds emit toxic gases when burning.

### 6. ACCIDENTAL RELEASE MEASURES



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Personal Protection:	Avoid inhalation or contact of spilled material with skin or clothing. Wear protective clothing. Keep unprotected persons away.
Environmental Protection:	Take precautions to ensure product does not contaminate the ground or enter the drainage system.
Collection:	Absorb using vermiculite, sand, or commercially available non-reactive absorbents. Dispose of with an approved contractor in accordance with local, state, and federal laws.

### 7. HANDLING AND STORAGE

Handling:	Chemicals should be used only by those trained in handling potentially hazardous materials. Chemical resistant gloves, eye protection and protective clothing should be worn. Operations should be carried out in efficient fume hood or equivalent system. Avoid breathing of dust, vapor, mist, or gas.
Storage:	Store in a cool, dry, well ventilated area. Store in a tightly sealed container. Protect from moisture, heat, ignition sources, and incompatible substances. Protect from direct light. See stability and reactivity for more details on incompatible substances.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory:	Avoid inhalation of product. Handle in an efficient fume hood or equivalent system.
Eye:	Avoid eye contact. Wear safety glasses, goggles or, for larger quantities, a full-face shield.
Hands and Body:	Avoid skin contact. Wear chemical-resistant gloves and, for larger quantities, a full arm and body protection. Wash hands thoroughly after handling.

### 9. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Appearance:	Colorless, amber, or orange liquid
Boiling Point:	90 C @ 3mm Hg
Melting Point:	15 C
Molecular Formula:	C10H15N
Water Solubility:	No data
Flash Point:	102 C
Formula Weight:	149.2378
Density:	0.937
Lower Explosive Limit:	No data
Upper Explosive Limit:	No data
PEL:	No data



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Auto Ignition Point: No data

### 10. STABILITY AND REACTIVITY

Reacts with strong oxidizers; Reacts with acid anhydrides; Reacts with chloroformates; Reacts with acid chlorides; Reacts with strong acids

### 11. TOXICOLOGICAL INFORMATION

The toxicological properties of this compound have not been fully investigated. However, as a minimum precaution, it should be considered to be harmful. Precautions should be taken and procedures adopted to prevent exposure. Hazardous decomposition products may occur when this compound comes in contact with other chemicals, fire, or water.

### 12. ECOLOGICAL EFFECTS

Take care to prevent chemicals from entering the ground, water bodies, or drainage systems.

### 13. DISPOSAL CONSIDERATIONS

Disposal should be carried out via an approved contractor according to all federal, state, and local regulations.

### 14. TRANSPORT INFORMATION

UN Number: Non Haz  
Packing Group: None  
Hazard Class: No data available  
DOT ShipName: No data available

Other Information:

Not regulated as a hazardous material for transportation by IATA and DOT (NH-Not Hazardous)

### 15. REGULATORY INFORMATION

NONE of the components of this substance have Reportable Quantities (RQ) or Threshold Planning Quantities (TPQ) under SARA sections 302 and 313

### 16. OTHER INFORMATION

The information on this Material Safety Data Sheet is correct to the best of our knowledge as of the date of publication. This information should be used only as a guide and is not a guarantee of any specific properties. All chemicals should be handled by qualified personnel using proper handling precautions. ASDI cannot accept liability for any loss, damage, or injury that results from the use of this chemical. THIS SUBSTANCE IS FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY.