1 - Product and Company Information

ProductName 4-NITRO-1-(P-TOSYL)IMIDAZOLE - 50 MG

2 - Hazards Identification

3 - Composition/Information on Ingredients

Product Name	CAS #	EC no	Annex I
1-(TOLUENE-4-SULFONYL)-4-NITROIMIDAZOLE	71100-56-6	None	None

Formula C10H9N3O4S
Molecular Weight 267.3 AMU

4 - First Aid Measures

5 - Fire Fighting Measures

EXTINGUISHING MEDIA
Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6 - Accidental Release Measures

METHODS FOR CLEANING UP
Place in appropriate container. Avoid raising dust. Wash spill site with soap solution. Flush spill area with copious amounts of water.

7 - Handling and Storage

8 - Exposure Controls / Personal Protection

PERSONAL PROTECTIVE EQUIPMENT
Respiratory Protection: Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.
Eye Protection: Chemical safety goggles.

9 - Physical and Chemical Properties

Appearance Color: Faintly beige
Form: Fine crystals

Property	Value	At Temperature or Pressure
pH	N/A	
BP/BP Range	N/A	
MP/MP Range	166 °C	
Flash Point	N/A	
Flammability	N/A	
Autoignition Temp	N/A	
Oxidizing Properties	N/A	
Explosive Properties	N/A	
Explosion Limits	N/A	
Vapor Pressure	N/A	
Partition Coefficient	N/A	
Viscosity	N/A	
Vapor Density	N/A	
Saturated Vapor Conc.	N/A	
Evaporation Rate	N/A	
Bulk Density	N/A	
Decomposition Temp.	N/A	
Solvent Content	N/A	
Water Content	N/A	
Surface Tension	N/A	
Conductivity	N/A	
Miscellaneous Data	N/A	
Solubility	N/A	

10 - Stability and Reactivity

HAZARDOUS DECOMPOSITION PRODUCTS
Hazardous Decomposition Products: When heated to decomposition it may emit: Carbon monoxide, Carbon dioxide, Sulfur oxides, Nitrogen oxides.

HAZARDOUS EXOTHERMIC REACTIONS
Hazardous Exothermic Reactions: Will not occur

11 - Toxicological Information

12 - Ecological Information

No data available.

13 - Disposal Considerations

SUBSTANCE DISPOSAL
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14 - Transport Information

RID/ADR
UN#: 2206
Class: 6.1
PG: II
Proper Shipping Name: Isocyanate solution, toxic, n.o.s.

IMDG
UN#: 2206
Class: 6.1
PG: II
Proper Shipping Name: Isocyanates, toxic, n.o.s.
Marine Pollutant: No
Severe Marine Pollutant: No
Technical Name: Required

IATA
UN#: 2206
Class: 6.1
PG: II
Proper Shipping Name: Isocyanates, toxic, n.o.s.
Inhalation Packing Group I: No
Technical Name: Required

15 - Regulatory Information

Caution: Substance not yet fully tested (EU).

COUNTRY SPECIFIC INFORMATION

Germany
WGK: 3
Self-Classification

16 - Other Information