

2-Ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridine: sc-206447



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: 2-Ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridine
Catalog Number: sc-206447
Synonyms: 5,7-Dimethyl-2-ethylimidazo[4,5-b]pyridine; 8-ethyl-2,4-dimethyl-5,7,9triazabicyclo[4.3.0]nona-2,4,7,10-tetraene;
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

Section 2: Composition, Information on Ingredients

Ingredient: 2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridine
CAS#: 133240-06-9

Section 3: Health Hazard Identification

Route to Exposure: Unknown
Eye contact: Avoid eye contact
Inhalation: Avoid inhaling fumes or dry powder
Target Organs: Unknown
Potential Health effects: Unknown
Skin contact: Avoid skin contact
Ingestion: Unknown

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes while keeping eyes open. COLD water may be used. Seek medical attention.
Skin Contact: After contact with skin, wash with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. COLD water may be used. Cover the irritated skin with an emollient. Seek medical attention. Wash any contaminated clothing before reusing.
Inhalation: Remove victim from source of exposure to fresh air. If breathing is difficult administer oxygen. Seek medical attention.
Ingestion: Do not induce vomiting. Give water to victim to drink. Seek medical attention.

Section 5: Fire Fighting Measures

Extinguishing media: Carbon dioxide, dry chemical powder, alcohol or polymer foam.
Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin, eyes.
Unsuitable Media: Unknown
Flash Point: Unknown

Section 6: Accidental release Measures

Personal Precaution: Use proper personal protective equipment as listed in section 8.
Environmental Measures: Do not allow material to enter drains or streams
Spill Cleanup Measures: Clean up spills, observing precautions in the Protective equipment section, Sweep up and place in a suitable container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pick-up.

Section 7: Handling and Storage

Handling: Do not breath dust, Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

Storage: Keep tightly closed. Store in cool and dry place.

Hygiene Practices: Wash thoroughly after handling. Avoid inhaling dust. Store at -20° C.

Section 8: Exposure Controls, Personal Protection

Engineering controls: Safety Shower and eye bath. Use only in a chemical fume hood.

Skin Protection: Wear suitable protective clothing to prevent skin contact

Hand Protection: Wear appropriate chemical resistance gloves

Eye/Face protection: Wear appropriate chemical safety glasses or goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation

Respiratory Protection: Government approved respirator

Section 9: Physical and Chemical Properties

Physical State: Solid
Boiling Point: Unknown
Molecular Formula: C₁₀H₁₃N₃
Solubility: DMF, DMSO, MeOH

Flash Point: Unknown
Melting Point: –
Molecular Wt: 175.23

Section 10: Stability and Reactivity

Conditions to Avoid: Air sensitive

Incompatibility: Reacts with acids, as a precautionary measure keep away from heat or oxidizers

Possible Decomposition: Unknown

Section 11: Toxicological Information

Eye Effect: Unknown

Skin Effect: Unknown

Ingestion effects: Unknown

Inhalation effects: Unknown

Section 12: Ecological Information

Ecotoxicity: Unknown

Bioaccumulation: Unknown

Biodegradation: Unknown

Environmental Stability: Unknown

Section 13: Disposal Considerations

Waste Disposal: Arrange disposal as special waste by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations

Section 14: Transport Information

DOT Hazard Class: Unknown

DOT Identification: Unknown

Section 15: Regulatory Information

TSCA 8(b): Inventory Status:Unknown

Risk Phrases: Unknown

Safety Phrase: Unknown

Section 16: Other information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

4/29/2011