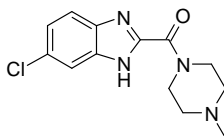


Material Safety Data Sheet

MSDS created: 4-2-2008

1 Composition

Axon Catalogue ID 1307
Product Name: JNJ 10191584
Structure:



IUPAC Name:
(6-Chloro-1H-benzimidazol-2-yl)-(4-methyl-piperazin-1-yl)-methanone

CAS number: 73903-17-0
Batch Molecular Formula: C₁₃H₁₅ClN₄O
Batch MW: 278.74
Chemical Purity: 99.4%
Optical Purity (ee): 0%
Appearance: Off-white Powder

2 Handling and Storage

Handling - Avoid inhalation, contact with eyes, skin and clothing. Avoid repeated and/or prolonged exposure. Use in a chemical fume hood, with an independent air supply.

Storage - Store in a properly sealed container under the storage conditions indicated on the label.

3 Stability and reactivity

Stability - Stable under normal handling conditions.

Conditions/Materials to avoid - Not applicable for this product.

Reactivity - May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO₂), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.

4 Hazard Identification

Exposure - might cause irritation to eye, mucous membranes, upper respiratory system and/or skin.

5 First Aid

Skin Contact - Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing.

Eye Contact - Rinse with copious amounts of water for at least 15 minutes.

Inhalation - Transfer victim to an un-effected area and monitor breathing. If breathing becomes difficult administer oxygen. If breathing stops give artificial respiration.

Ingestion - Rinse mouth out with copious amounts of water, contact a physician.

6 Fire-Fighting Measures

Extinguishing Media - Material is non-combustible. Use extinguishing media appropriate to the surrounding fire conditions.

Unusual Fire and Explosion Hazards - Might emit toxic gases upon thermal decomposition.

Special Fire-Fighting Procedures - Wear protective clothing to prevent contact with skin and eyes.

7 Accidental Release Measures

Wear appropriate protective clothing. Cover spillage with suitable absorbent material. Use non-spark tools, sweep up material and dispose in an appropriate container as described under Disposal Conditions.

8 Ecological Information

Data not yet available. Treat as potentially toxic if released into the environment.

9 Toxicological Information

To the best of our knowledge, the chemical physical and/or toxicological properties have not been fully investigated.

10 Regulatory Information

Classification - Substance not yet fully tested

Safety Phrases - S22 (Do not breath dust), S24/25 (Avoid contact with skin and eyes), S36/37/39 (wear protective clothing, gloves and eye/face protection).

Risk Phrases -

11 Disposal Conditions

As specific country, federal, state and local environmental regulations vary and change frequently we suggest you contact a local, authorized waste disposal contractor for adequate disposal.

12 Transport Information

Shipment by

Land	- non-hazardous
Sea	- non-hazardous
Air	- non-hazardous

13 Other Information

Due to the nature of this material it must only be handled by suitable qualified experienced chemist in appropriately equipped and authorized facilities. The above information if believed to be correct but does not purport to be all inclusive and should be used as a guide only. The absence of warning must not, under any circumstance, be taken to mean that no hazard exists.

Caution: Not fully tested. For research purposes only