



NEWAY SINOPHC TECH. LIMITED

ADD:RM. 204, BUILDING 3, NO. 188, AONA RD., CHINA (SHANGHAI) PILOT FREE TRADE ZONE.
Email:marketing01@newayphc.com; Phone:+86-021-50350029 <https://www.newayphc.com>

Safety Data Sheet (MSDS)

Revision Date: 28 FEB 2026

SECTION 1: Identification

1.1 Product: MidazolamCAS: 59467-74-6Synonyms: 8-Chloro-6-(2-fluorophenyl)-1-methyl-4H-imidazo[1,5-a][1,4]benzodiazepine

1.2 Supplier: NEWAY SINOPHC TECH. LIMITEDAddress: RM.204, BUILDING3, NO.188, AONA RD., SHANGHAI PILOT FREE TRADE ZONETel: +86-021-50350029

1.4 Uses: Pharmaceutical intermediate (sedative, hypnotic, anesthetic adjuvant); injectable formulation raw material; R&D reagent.

SECTION 2: Hazards Identification

GHS Classification:

- Acute toxicity, oral (Category 3)
- Skin irritation (Category 2)
- Serious eye irritation (Category 2)
- Specific target organ toxicity (Nervous system, Category 3)

Signal word: **Danger**H-statements: H301, H315, H319, H335, H373

SECTION 3: Composition

Pure substance: Midazolam 100%

SECTION 4: First Aid Measures

- Inhaled: Fresh air, rest, call a doctor.
- Skin: Wash with soap and water ≥ 15 min.
- Eyes: Rinse ≥ 20 min, seek medical care.
- Swallowed: Do NOT induce vomiting, call poison center immediately.

SECTION 5: Firefighting

Non-combustible. Decomposes above 220°C. Use water spray, CO₂, dry powder. Wear SCBA.

SECTION 6: Accidental Release

Wear N95, gloves, face shield. Collect powder into sealed container. Do not discharge to environment.

SECTION 7: Handling & Storage

- Handling: Fume hood, PPE, no eating/smoking.
- Storage: Cool, dry, dark, locked; $\leq 25^{\circ}\text{C}$, RH $\leq 60\%$.
- Incompatibles: Strong acids, bases, oxidizing agents.

SECTION 8: Exposure Controls

OEL: 0.08 mg/m³ (8h TWA)PPE: Nitrile gloves, face shield, N95/PAPR.

SECTION 9: Physical & Chemical Properties

- Appearance: White crystalline powder
- Mp: 160-164°C
- Decomposition: $\geq 220^{\circ}\text{C}$



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- Solubility: Slightly soluble in water; soluble in ethanol, methanol
- pH: 4.0-6.5
- Non-flammable

SECTION 10: Stability & Reactivity

Stable under recommended conditions. Avoid high temp, light, alkaline media. Hazardous decomposition: CO₂, HCl fumes, aromatic amine fumes.

SECTION 11: Toxicological Info

- Oral LD₅₀ (rat): 32 mg/kg
- Dermal LD₅₀ (rabbit): 800 mg/kg
- Eye/skin: Irritating
- Mutagenicity: Negative
- Target: Central nervous system (sedation, coma in overdose)

SECTION 12: Ecological Info

- Fish LC₅₀: 390 mg/L
- Biodegradable, low bioaccumulation, no PBT/vPvB.

SECTION 13: Disposal

Hazardous waste (HW02). Incinerate ≥800°C with flue gas treatment.

SECTION 14: Transport Info

UN No.: 2811 Class: 6.1 (Toxic) PG: II Proper Shipping Name: Toxic solid, organic, n.o.s. (Midazolam)

SECTION 15: Regulatory

Complies with CP/USP/EP, REACH, TSCA, Class 6.1 hazardous chemical regulations.

SECTION 16: Other Info

Revised: 28 FEB 2026 For professional use only.