

MATERIAL SAFETY DATA SHEET

5-FLUOROURACIL

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Product/Chemical Name: 5-FLUOROURACIL

Formula: $C_4H_3FN_2O_2$

Physical Description: Clear, colorless liquid; odorless

Special Hazards: Self-contained breathing apparatus is recommended.

Unusual Fire/Explosion Hazards: None

Reactivity: Stable. Avoid strongly basic conditions (pH>9)

Hazardous Decomposition Products: Urea, fluoride, ammonia

Spill or Leak Procedures

Action: Wear recommended personal protective equipment. Absorb liquid spills with paper towels. Wipe working surfaces to dryness, then clean with soap and water. Place drug-solid absorbents into leak-proof container, and label properly.

Disposal Method: To be performed in compliance with all current local, state and federal regulations.

Threshold Limit Value: N/A

Overexposure Effects: Acute - Eye, skin, or respiratory tract irritation. Chronic - Possible hypersensitization

Possible Carcinogen: No

First Aid Procedures

Skin: Remove contaminated clothing. Flush area with water. Seek medical attention.

Eyes: Check for and remove any contact lenses. Irrigate with water, keeping eyelids open. Seek medical attention.

Ingestion: Check for and remove any dentures. Do not induce vomiting. Flush mouth with water. Loosen tight clothing. Administer oxygen if breathing difficult, or CPR if not breathing. Seek medical attention.

Inhalation: Remove to fresh air. Remove contaminated clothing. Seek medical attention.

Storage Recommendations: Store in tightly closed containers in a cool area.

Special Protection Information

Safety goggles and latex gloves required when handling.

Special Handling Precautions

N/A