

Decitabine for Injection

Section 1 - Chemical Product and Company Identification

MSDS Name: Decitabine Lyophilized powder for Injection

Synonyms: 2'-Deoxy-5-azacytidine

Company Identification: Getwell Pharmaceuticals
474, Udyog Vihar, Phase-V, Gurgaon (HR)
122001

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Section 2 - Hazards Identification

Eye: Causes eye irritation.

Skin: Causes skin irritation. Harmful if absorbed through the skin.

Ingestion: May cause irritation of the digestive tract. Toxic if swallowed.

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Section 3 – Composition

<i>Ingredient</i>	<i>CAS Number</i>	<i>EU Classification</i>
Decitabine	2353-33-5	Not Listed
Monobasic Potassium Phosphate	7778-77-0	Not Listed
Sodium hydroxide	1310-73-2	C;R35

Section 4 - First Aid Measures

Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Get medical aid. Flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops and persists.

Ingestion: Get medical aid immediately. Wash mouth out with water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Section 5 - Fire and Explosion Hazard Data

General Information: As in any fire, wear a self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and protective clothing to prevent contact with skin and eyes.

Extinguishing Media: Use water spray, dry chemical, carbon dioxide or appropriate foam.

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container.

Section 7 - Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8 - Personal Protection

Eyes: Wear appropriate protective eyeglasses.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical state: Lyophilized Powder

Color: White to off white

Odor: Not available

Molecular Formula: $C_8H_{12}N_4O_4$

Molecular Weight: 228.21

Freezing/Melting Point: 202⁰C

Boiling Point: Not available

Flash Point: Not available

Autoignition Temperature: Not available

Refractive Index (nD20): Not available

Density: Not available

Decomposition Temperature: Not available

Solubility: Not available

Section 10 - Stability and Reactivity

Chemical Stability: Stable under recommended temperatures and pressures.

Materials to avoid: Strong oxidizing agents, Strong acids.

Conditions to Avoid: Incompatible materials.

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Nitrogen oxide,
Hydrogen chloride gas.

Hazardous Polymerization: Has not been reported.

Section 11 - Toxicological Information

RTECS#: CAS# 2353-33-5: Not available.

LD50/LC50: RTECSXZ3012000: Not available.

Carcinogenicity: Decitabine-Not listed as a carcinogen by ACGIH, IARC, NTP or CA Prop 65.

Section 12 - Environmental information

Not available

Section 13 - Disposal Consideration

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.

Section 14 - Transport Information

IATA: This substance is considered to be non-hazardous for transport.

IMO: This substance is considered to be non-hazardous for transport.

RID/ADR: This substance is considered to be non-hazardous for transport.

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xn

Indication of Danger: Harmful

Risk Phrases:

R 22: Harmful if swallowed.

R 36/37/38: Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

WGK (Water Danger/Protection)

CAS# 2353-33-5: 3.

Canada

CAS# 2353-33-5: Not available.

US Federal

TSCA

CAS# 2353-33-5 is not listed on the TSCA Inventory. It is for research and development use only.

Section 16 - Additional Information

MSDS Creation Date: March 15, 2017

Update: NA