

# Safety Data Sheet

**Safety Data Sheet - LC Laboratories**  
**Revision Date: November 1, 2019**

## **SECTION 1. IDENTIFICATION**

Trade name: Enasidenib, Free Base  
Product Number: [E-2121](#)  
Manufacturer/Supplier:  
LC Laboratories  
165 New Boston Street  
Woburn, MA 01801 USA  
+1-781-937-0777 Fax: +1-781-938-5420

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## **SECTION 2. HAZARD(S) IDENTIFICATION:**

Hazard Description: Toxic  
RTECS Substance category:  
Signal Word: Warning

### **GHS Hazard Statements:**

H302: Harmful if swallowed  
H410: Very toxic to aquatic life with long lasting effects

### **GHS Precautionary Statements:**

P264: Wash skin thoroughly after handling  
P270: Do not eat, drink or smoke when using this product  
P273: Avoid release to the environment  
P2562: Do not get in eyes, on skin or on clothing  
P301 + P312: If swallowed: Call a POISON CENTER or doctor/ physician if you feel unwell  
P330: Rinse mouth  
P391: Collect spillage  
P501: Dispose of contents/ container to an approved waste disposal plant  
WARNING: For Laboratory Research Use Only



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## **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS:**

Chemical Name:  
Synonyms: AG-221; AG 221; AG221; CC-90007; CC 90007; CC90007; Enasidenib, Free Base  
Hazardous Ingredient: Enasidenib, Free Base  
CAS Registry Number: 1446502-11-9  
Molecular Weight: 473.38  
Molecular Formula: C<sub>19</sub>H<sub>17</sub>F<sub>6</sub>N<sub>7</sub>O

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#### **SECTION 4. FIRST-AID MEASURES:**

After Inhalation: If inhaled, remove to fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration

After skin contact: flush with copious amounts of water; remove contaminated clothing and shoes; call a physician

After eye contact: check for and remove contact lenses; flush with copious amounts of water; assure adequate flushing by separating the eyelids with fingers; call a physician

After swallowing: if swallowed, wash out mouth with copious amounts of water; do not induce vomiting; call a physician

Most important symptoms and effects, both acute and delayed: the most important symptoms and effects are described in the labeling (see section 2)

Indication of any immediate medical attention and special treatment needed: treat symptomatically

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#### **SECTION 5. FIRE-FIGHTING MEASURES:**

Suitable extinguishing agents: water spray, carbon dioxide, dry chemical powder or foam

Protective equipment: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

Unusual fire hazard: may emit toxic fumes under fire conditions such as carbon monoxide, etc.

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#### **SECTION 6. ACCIDENTAL RELEASE MEASURES:**

Person-related safety precautions: cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves

Environmental precautions: prevent further leakage or spillage if safe to do so; do not let product enter drain

Measures for cleaning/collecting: absorb solutions with finely- powdered liquid-binding material (diatomite, universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13

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#### **SECTION 7. HANDLING AND STORAGE:**

Information for safe handling: avoid contact with skin, eyes and clothing; material may be an irritant; use only in an area with proper exhaust ventilation; for precautions, see section 2

Storage: 2-8°C for short term (weeks to three months) or -20°C for long term (3 months to 3 years); keep in a cool and well-ventilated area away from direct sunlight and sources of ignition

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#### **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Personal protective equipment as follows:

Breathing equipment: NIOSH/MSHA-approved respirator

Protection of hands: handle with Nitrile rubber gloves with minimum thickness

of 0.11 mm (4.3 mil); this recommendation should not be interpreted as offering an approval for any specific use conditions; please review this recommendation with a safety officer to evaluate if it is appropriate for the anticipated use

Eye protection: chemical safety goggles

Control of environmental exposure: prevent further leakage or spillage if safe to do so; do not let product enter drains

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## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES:**

Form: Solid powder

Color: white to off-white

Odor: no data available

Melting point/Melting range: no data available

Danger of explosion: no data available

Solubility in / Miscibility with water: Solvent content: Soluble in DMSO

Organic solvents: no data available

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## **SECTION 10. STABILITY AND REACTIVITY:**

Reactivity: no data available

Stability: Stable under recommended storage conditions

Possibility of hazardous reactions: no data available

Thermal decomposition / conditions to be avoided: no data available

Incompatible materials: strong acids/alkalis, strong oxidising/reducing agents

Dangerous products of decomposition: no data available

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## **SECTION 11. TOXICOLOGICAL INFORMATION:**

RTECS #: Unavailable

Acute toxicity:

Primary irritant effect: Classified on available data. For more details, see section 2.

On the eye: Classified on available data. For more details, see section 2.

Inhalation: Classified on available data. For more details, see section 2.

Ingestion: Classified on available data. For more details, see section 2.

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## **SECTION 12. ECOLOGICAL INFORMATION:**

General notes: no data available

Treat as potentially toxic if released into the environment

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## **SECTION 13. DISPOSAL CONSIDERATIONS:**

Waste treatment methods:

Product: dispose of in accordance with prevailing country, federal, state and local regulations

Contaminated packaging: dispose of in accordance with prevailing country, federal, state and local regulations

**SECTION 14. TRANSPORT INFORMATION:**

DOT (US): this substance is considered to be non-hazardous for transport

IATA:

UN number: 3077

Class: 9

Packing group: III

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.

IMDG:

UN number: 3077

Class: 9

Packing group: III

EMS-No: F-A, S-F

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.

Marine pollutant: marine pollutant

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**SECTION 15. REGULATORY INFORMATION:**

Massachusetts Right to Know Components: No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know Components: No components are subject to the Pennsylvania Right to Know Act

New Jersey Right to Know Components: No components are subject to the New Jersey Right to Know Act

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or anyother reproductive harm

EU Risk And Safety phrases:

S22: Do not breathe dust

S24/25: Avoid contact with skin and eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S36/37/39: Wear suitable protective clothing, gloves, and eye/face protection

R36/37/38: Irritating to eyes, respiratory system and skin

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**SECTION 16. OTHER INFORMATION:**

The above information is believed to be correct based on our present knowledge but does not purport to be complete. For research use only by trained personnel. The burden of safe use of this material rests entirely with the user. LC Laboratories disclaims all liability

Reviewed: November 1, 2019