

Asenapine: sc-210839



The Power to Question

MATERIAL SAFETY DATA SHEET

Section 1 - General Information

Chemical Name:

Asenapine

CAS Reg. Number:

65576-45-6

Catalog Number:

sc-210839

Supplier:

Santa Cruz Biotechnology, Inc.

2145 Delaware Avenue

Santa Cruz, CA 95060

800.457.3801 or 831.457.3800

Emergency:

ChemWatch

Within the US & Canada: 877-715-9305

Outside the US & Canada: +800 2436 2255

(1-800-CHEMCALL) or call +613 9573 3112

Section 2 - Hazardous Ingredients/Identity Information

To the best of our knowledge the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care.

Section 3 - Physical/Chemical Characteristics

Boiling Point:

N/A

Appearance and Odor:

N/A

Vapor Pressure:

N/A

Specific Gravity(H₂O=1):

N/A

Solubility in Water:

N/A

Melting Point:

N/A

Evaporation Rate (ButylAcetate=1):

N/A

Vapor Density:

N/A

Section 4 - Reactive Data

Stability:

STABLE, hygroscopic store under inert gas

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Conditions to Avoid:

Strong oxidizers

Hazardous Decomposition or Byproducts:

CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES and hydrogen chloride gas

Hazardous Polymerization:

WILL NOT OCCUR

Section 5 - Control Measures

Respiratory Protection:

Niosh/Msha approved respirator

Ventilation:

HOOD

Protective Gloves:

RUBBER GLOVES

Eye Protection:

SAFETY GOGGLES

Other Protective Clothing:

LAB COAT/APRON

Other Protection:

SAFETY EYE WASH

Section 6 - First Aid Measures**Inhalation:**

IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN.

Skin:

IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES.

Ingestion:

IN SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

Eyes:

IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MIN.. ASSURE ADEQUATE FLUSHING BY SEPARATING EYELIDS.

Section 7 - Health Hazard Data**Health Hazards (Acute and Chronic):**

Signs and Symptoms of Exposure To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Potential Health Effects Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation. Ingestion May be harmful if swallowed. Target Organs Liver, Teeth., Bone, Asenapine (Saphris) is a new 5-HT_{2A}- and D₂-receptor antagonist under development for the treatment of schizophrenia and acute mania associated with bipolar disorder. Preliminary data indicate that it has minimal anticholinergic and cardiovascular side effects, as well as minimal weight gain. Asenapine belongs to a class of neuroleptics known as "atypical antipsychotics", which have, over the last two decades, become increasingly popular alternatives to "typical antipsychotics", such as haloperidol. The manufacturers of asenapine refer to it as a "new generation" or "second generation" atypical antipsychotic.

Medical Conditions Generally Aggravated by Exposure:

To the best of our knowledge the chemical, physical, and toxicological properties have not been thoroughly investigated. Exercise due care.

Section 8 - Precautions for Safe Handling and Use**Steps to be Taken in Case Material is Released or Spilled:**

WEAR PROTECTIVE EQUIPMENT. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

Waste Disposal Method:

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.

Precautions to Be Taken in Handling and Storage:

MECHANICAL EXHAUST REQUIRED. DO NOT BREATHE DUST. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP TIGHTLY CLOSED. STORE IN A COOL DRY PLACE.

Section 9 - Fire and Explosion Hazard Data**Extinguishing Media:**

WATER SPRAY. CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

Special Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

Unusual Fire and Explosion Hazards:

Emits Toxic Fumes under Fire Conditions.

Section 10 - Transportation Information and regulatory information

DOT Proper Shipping Name: None Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport. IATA Non-Hazardous for Air Transport: Non-hazardous for air transport.

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

5/19/2010