

Pazopanib, Free Base

Catalog Number: orb61081

Material Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product name: Pazopanib, Free Base
Catalog No.: orb61081

Details of the supplier of the safety data sheet

Company: Biorbyt Ltd.
Tel: +44 (0)1223 859 353
Fax: +44 (0)1223 280 240

SECTION 2. HAZARD(S) IDENTIFICATION:

Hazard Description: Reproductive effector; pharmaceutical agent

May be harmful if swallowed, inhaled, or absorbed through the skin

Exposure may impair fertility and may be harmful to a developing fetus

Ingestion may cause diarrhea, vomiting, nausea, anorexia (decreased appetite), dysgeusia (taste alteration), headache, elevated liver enzymes (ALT/AST), dyspnea (shortness of breath), hypertension (increased blood pressure), hair color changes (depigmentation), and musculoskeletal pain

Exposure may cause irritation of the respiratory tract, eye, and skin and allergic respiratory and skin reactions such as rash, urticaria (hives), and pruritus (itching)

Signal Word: Danger

GHS Hazard Statements:

H303 - May be harmful if swallowed

H313 - May be harmful in contact with skin

H333 - May be harmful if inhaled

H335 - May cause respiratory irritation

H360 - May damage fertility or the unborn child

H373 - May cause damage to organs through prolonged or repeated exposure: liver

GHS Precautionary Statements:

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray

P264 - Wash skin thoroughly after handling

P280 - Wear protective gloves/eye protection/face protection

P308 + P311 - IF exposed or concerned: Call a POISON CENTER or doctor/physician

P314 - Get medical advice/attention if you feel unwell

P405 - Store locked up

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS:

Chemical Name: 5-[[4-[(2,3-Dimethyl-2*H*-indazol-6-yl)methylamino]-2-pyrimidinyl]amino]-2-methylbenzenesulfonamide

Synonyms: Armala, GW-786034, Votrient

Hazardous Ingredient: Pazopanib, Free Base

CAS Registry Number: 444731-52-6

Molecular Weight: 437.52

Molecular Formula: C₂₁H₂₃N₇O₂S

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; call a physician

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.

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

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

SECTION 7. HANDLING AND STORAGE:

Information for safe handling: avoid contact with skin, eyes and clothing; material may be an irritant

Storage: store solid and solutions at -20 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Personal protective equipment as follows:

Breathing equipment: NIOSH/MSHA-approved respirator

Protection of hands: chemical-resistant rubber gloves

Eye protection: chemical safety goggles

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES:

Form: crystalline solid; granular or powder

Color: white to off-white

Odor: none

Melting point/Melting range: 301-313 °C

Danger of explosion: none

Solubility in / Miscibility with water: very poorly soluble in water; maximum solubility in plain water is estimated to be about 10-20 µM; buffers, serum or other additives may increase or decrease the aqueous solubility

Solvent content: none

Organic solvents: soluble in DMSO at 8.3 mg/mL with slight warming; very poorly soluble in ethanol

SECTION 10. STABILITY AND REACTIVITY:

Stability: stable if stored as directed; avoid strong oxidizing agents

Thermal decomposition / conditions to be avoided: protect from light and heat

Dangerous products of decomposition: thermal decomposition may produce toxic gases such as carbon monoxide, carbon dioxide, and nitrogen oxides

SECTION 11. TOXICOLOGICAL INFORMATION:

RTECS #: DB2356200

Acute toxicity: *in vitro* toxicity (IC₅₀): 5 µmol/L (rat myocardium)

Primary irritant effect:

On the skin: may be an irritant; allergic skin reactions might occur following repeated contact; may be harmful if absorbed through the skin

On the eye: may be an irritant

Inhalation: may be an irritant; may be harmful if inhaled

Ingestion: may be harmful if swallowed

SECTION 12. ECOLOGICAL INFORMATION:

General notes: no data available

Treat as potentially toxic if released into the environment

SECTION 13. DISPOSAL CONSIDERATIONS:

Dispose of in accordance with prevailing country, federal, state and local regulations

SECTION 14. TRANSPORT INFORMATION:

DOT:

Proper shipping name: none

Non-Hazardous for transport: this substance is considered to be non-hazardous for transport

IATA class:

Proper shipping name: none

Non-Hazardous for transport: this substance is considered to be non-hazardous for transport

SECTION 15. REGULATORY INFORMATION:

Code letter and hazard designation of product:

EU Risk And Safety phrases:

S22: Do not breathe dust

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

S53: Avoid exposure - obtain special instructions before use

R62: Possible risk of impaired fertility

R63: Possible risk of harm to the unborn child