

# Material Safety Data Sheet

## 1. Product and Company identification

- **Product Name:**

(5E)-5-[[[1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)amino]methylidene]-1-phenyl-2-thioxodihydropyrimidine-4,6(1H,5H)-dione

- **Product ID:** STK989316

**Manufacturer/Supplier:** Vitas M Chemical Limited, 15/F, Radio City, 505 Hennessy Road, Causeway Bay, Hong Kong

**Phone:** +85298659192

## 2. Hazards identification

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:** Not applicable.

## 3. Composition/Information on ingredients

- **Component:** (5E)-5-[[[1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)amino]methylidene]-1-phenyl-2-thioxodihydropyrimidine-4,6(1H,5H)-dione
- **Formula:** C<sub>22</sub>H<sub>19</sub>N<sub>5</sub>O<sub>3</sub>S
- **Molecular Weight:** 433.49
- **Percentage:** individual state, not mixtures.
- **Classification:** No components need to be disclosed according to the applicable regulations.

## 4. First aid measures

- **After inhalation:** supply fresh air. If required, provide artificial respiration. Keep patient warm.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** seek medical treatment.

## 5. Fire Fighting measures

- Product is not flammable. Use fire fighting measures that suit the surrounding fire.
- **Protective equipment:** Wear self-contained respirator.

## 6. Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Ensure adequate ventilation.
- **Measures for environmental protection:** Do not allow material to be released to the environment without proper governmental permits.
- **Additional information:** See section 11 for disposal information.

## 7. Handling and storage

- **Handling**
- **Information for safe handling:** Keep container tightly sealed. Store in cool, dry place in tightly closed containers. No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** The product is not flammable
- **Storage**
- **Requirements to be met storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:**
- Store away from oxidizing agents.
- Do not store together with acids.

## 8. Exposure controls and personal protection

- General protective and hygienic measures  
The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.
- **Breathing equipment:** Use suitable respirator when high concentrations are present.
- **Protection of hands:** Impervious gloves
- **Body protection:** Protective work clothing.

## 9. Physical and chemical properties

- **Form:** white/yellow odorless powder,
- **Boiling point:** Not determined
- **Flash point:** Not applicable
- **Flammability:** Product is not flammable.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined

Product does not present an explosion hazard. Stability and reactivity Thermal decomposition / conditions to be avoided

Decomposition will not occur if used and stored according to specifications. Product is stable to thermal decomposition.

- **Materials to be avoided:** Acids, Oxidizing agents.
- **Dangerous reactions:** Reacts with strong acids. Reacts with strong oxidizing agents.

## 10. Stability and reactivity

- **Chemical stability:** stable under recommended storage conditions
- **Conditions to avoid:** excess heat
- **Materials to avoid:** strong oxidizing agents, strong acids, strong bases
- **Hazardous decomposition products:** carbon oxides, nitrogen oxides, gaseous hydrogen chloride

## 11. Toxicological information

- **On the eye:** Powder: irritant effect
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:** No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.

## 12. Ecological information:

- **General notes:** Do not allow material to be released to the environment.

## 13. Disposal considerations

- **Recommendation:** Consult local or national regulations for proper disposal.

## 14. Transport information

Not a hazardous material for transportation.

- **Land transport ADR/RID (cross-border)**
- **ICAO/IATA Class:** None
- **Transport/Additional information:** Not dangerous according to the above specifications.

## 15. Regulations

- **Product related hazard information:** Observe the general safety regulations when

handling chemicals

- **Information about limitation of use:** For use only by technically qualified individuals.

## **16. Other information:**

- Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

- **SDS Creation Date:** 12/10/2017