1 - Identification of substance and manufacturer

Axon catalogue ID: INT 131
Product name: 2,4-Dichloro-N-(3,5-dichloro-4-quinolin-3-yl)oxyphenylbenzenesulfonamide
IUPAC name: PPAR-gamma modulator

2 - Hazards identification

Route of entry: Inhalation, Skin contact, Ingestion, Eye contact

Symptoms of Exposure: May be harmful by inhalation, ingestion or eye and/or skin absorption. May cause irritation to eye, mucous membranes, upper respiratory system, and/or skin. The toxicological properties of this compound have not been fully tested. For research purposes only.

3 - Information on ingredients

Hazardous ingredient: 2,4-Dichloro-N-(3,5-dichloro-4-quinolin-3-yl)oxyphenylbenzenesulfonamide
CAS number: 315224-26-1
Concentration: 99.9%
LD-50 of ingredient: No data available

4 - First Aid Measures

Skin contact: Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing.
Eye contact: Rinse copious amounts of water for at least 15 minutes as a precaution.
Inhalation: Transfer victim to an un-effected area and monitor breathing. If breathing becomes difficult, administer oxygen. If breathing stops give artificial respiration.
Ingestion: Rinse mouth out with copious amounts of water, contact a physician.

5 - Fire Fighting Measures

Use extinguishing media appropriate to the surrounding fire conditions. Wear protective clothing to prevent contact with skin, eyes, and respiratory system.

6 - Accidental Release Measures

Leak and spill procedures: Absorb solutions with finely-powdered liquid-binding material. After removal, ventilate and decontaminate surfaces and equipment with alcohol. Dispose of contaminated materials in accordance with local, state, and federal regulations.

7 - Handling and Storage

Handling procedures and equipment: Wear appropriate protective clothing. Vacuum or sweep up dry material and dispose in an appropriate container as described under Disposal Conditions. Avoid raising dust.

8 - Exposure Control / Personal Protection

Exposure limits: No data available

Protection of hands/skin: Chemical resistant gloves and lab coat
Protection of eyes: Appropriate safety glasses

9 - Physical and chemical properties

Batch molecular formula: C21H12Cl4N2O3S.1H2O
Appearance: Off-white solid
Melting point: 176 °C
Chemical purity: 99.9%
Optical purity (ee): N.A.
Solubility in water (mg/mL): 0.0

10 - Stability and reactivity

Stability: Stable under normal handling conditions.
Reactivity: May emit toxic gases like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCl), nitrogen oxide upon thermal decomposition.
Conditions and materials to avoid: Protect from light and heat. Avoid strong oxidizing agents.

11 - Toxicological information

Toxicity: Carcinogenicity: No data available
Mutagenicity: No data available
Teratogenicity: No data available

12 - Ecological information

Treat as potentially toxic. Runoff from fire control or dilution with water may cause pollution.

13 - Disposal considerations

Treat as potentially toxic. Dispose in accordance with local, state, and federal regulations.

14 - Transport Information

US DOT shipping name: INT 131
IATA class: No data available
Applicable HS class: 2942.00.0000
Transportation (Land/Sea/Air): Non-hazardous

15 - Regulatory information

Hazardous ingredient: 2,4-Dichloro-N-(3,5-dichloro-4-quinolin-3-yl)oxyphenylbenzenesulfonamide
CAS number: 315224-26-1

16 - Other information

The above information is believed to be accurate and represents the best information currently available to us, but does not purport to be complete. The absence of warning must not, under any circumstance, be taken to mean that no hazard exists. For research use only by trained personnel.

CAUTION: SUBSTANCE NOT FULLY TESTED