1. IDENTIFICATION

1.1. Product name  Stemolecule™ Pyrintegrin
1.2. Catalog number  04-0072
1.3. Uses and restrictions  For research use only. Not for use in diagnostic or therapeutic applications
1.4. Manufacturer/Supplier  REPROCELL USA
  9000 Virginia Manor Road
  Beltsville, MD 20705
  301-470-3362
1.5. In case of emergency
  • For medical emergencies, contact your local emergency center.
  • For transportation emergencies, contact your local transportation authorities.
  • For other non-medical or non-environmental emergencies please call (617) 245-0030, 8:00 am-4:00 pm EST, Monday – Friday.

2. HAZARDS IDENTIFICATION

2.1. GHS classification according to Annex II  Not a hazardous substance or mixture.
2.2. Signal word  Not applicable
2.3. Symbol  Not applicable
2.4. Hazard statement(s)  Not applicable
2.5. Precautionary statement(s)  Not applicable
2.6. Hazards not otherwise classified (HNOC) or not covered by GHS  None.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Chemical name  Stemolecule Pyrintegrin
3.2 Synonyms  N-(cyclopropylmethyl)-4-(4-(6-hydroxy-3,4-dihydroquinolin-1(2H)-yl)pyrimidin-2-ylamino)benzenesulfonamide
3.3 Chemical formula  C_{23}H_{25}N_{5}O_{3}S
3.4 Molecular weight  451.5
3.5 CAS number  1228445-38-2

4. FIRST AID MEASURES

4.1 First aid instructions
  • General advice  Move out of exposure area. Consult a physician.
  • Eyes  Check for and remove contact lenses immediately. Flush thoroughly with water for at least 15 minutes. Call a physician.
• Skin
  Immediately flush skin with copious amounts of water. Remove contaminated clothing and shoes and wash before use. Contact a physician.

• Ingestion
  If swallowed, wash mouth out with water provided the victim is conscious. Do not induce vomiting. Loosen tight clothing. Contact a physician.

• Inhalation
  If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, call a physician.

• Puncture wounds
  Wash thoroughly with soap and water. Allow wound to bleed freely. Contact a physician.

4.2 Most important symptoms/effects, acute and immediate
  Described in section 2.

4.3 Indications of immediate medical attention and special treatment needed
  No data available.

5. FIRE FIGHTING MEASURES
  5.1 Suitable extinguishing media
  Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

  5.2 Specific hazards arising from the chemical
  No data available

  5.3 Special protective equipment and precautions for firefighters
  Wear self-contained breathing apparatus and full turnout gear for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES
  6.1 Personal precautions, protective equipment and emergency procedures
  Wear protective equipment (Section 8). Avoid direct contact with skin or eyes and prevent inhalation of dust. Ensure adequate ventilation. Avoid dust formation.

  6.2 Environmental precautions
  Do not let product enter drains.

  6.3 Methods and materials for containment and clean up
  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.

7. HANDLING AND STORAGE
  7.1. Precautions for safe handling
  • Avoid inhalation, contact with eyes, skin, and clothing.
  • Avoid prolonged or repeated exposure
  • Provide appropriate exhaust ventilation.
  • For other precautions see section 2.5.

  7.2. Conditions for safe storage, including any incompatibilities
  Keep tightly closed. Store at -20 °C, protected from light.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1 Control parameters

No known occupational exposure limits.

8.2 Appropriate engineering controls

Safety shower and eye wash. Mechanical exhaust required.

8.3 Protection measures and personal protective equipment

Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling.

- Respiratory protection
  Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Respiratory protection not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) particle respirator.

- Eye protection
  Chemical safety goggles.

- Skin protection
  Protective gloves and lab coat.

9. PHYSICAL/CHEMICAL PROPERTIES

9.1 Appearance

Off-white solid

9.2 Odor

No data available.

9.3 Odor threshold

No data available.

9.4 pH

No data available.

9.5 Melting point / freezing point

No data available.

9.6 Initial boiling point and boiling range

No data available.

9.7 Flash point

No data available.

9.8 Evaporation rate

No data available.

9.9 Flammability (solid, gas)

No data available.

9.10 Upper/lower flammability or explosive limits

No data available.

9.11 Vapor pressure

No data available.

9.12 Vapor density

No data available.

9.13 Relative density

No data available.

9.14 Solubility(ies)

100 mM in dimethylsulfoxide

9.15 Partition coefficient: n-octanol/water

No data available.

9.16 Auto-ignition temperature

No data available.

9.17 Decomposition temperature

No data available.

9.18 Viscosity

No data available.

9.19 Explosive properties

No data available.

9.20 Oxidizing properties

No data available.

10. STABILITY/REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

This product is stable under recommended storage conditions.

10.3 Possible of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.
10.5 Incompatible materials
Acids, Bases, Strong oxidizing agents.
10.6 Hazardous decomposition products
Carbon oxides, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION
11.1 Toxicological effects
No data available.
- Acute toxicity
- Skin corrosion / irritation
- Serious eye damage / eye irritation
- Respiratory or skin sensitization
- Germ cell mutagenicity
- Carcinogenicity

- Reproductive toxicity
- Specific target organ toxicity – single exposure
- Specific target organ toxicity – repeated exposure
- Aspiration Hazard

11.2 Symptoms related to the physical, chemical and toxicological characteristics
No data available.

11.3 Effects of short-term exposure.
No data available.

11.4 Effects of long-term exposure
No data available.

11.5 Numerical measures of toxicity
No data available.

11.6 Other information
None

12. ECOLOGICAL INFORMATION
12.1 Toxicity
No data available.

12.2 Persistence and degradability
No data available.

12.3 Bioaccumulative potential
No data available.

12.4 Mobility in soil
No data available.
12.5 Results of PBT and vPvB assessment
No data available.

12.6 Other adverse effects
No data available.

13. DISPOSAL CONSIDERATIONS
13.1 Disposal method
Offer surplus and non-recyclable solutions to a licensed disposal company.

13.2 Personal safety
Refer to section 8.

14. TRANSPORT INFORMATION
- DOT (US) Not hazardous
- IMDG Not hazardous
- ADR/RID Not hazardous
- IATA Not hazardous

15. REGULATORY INFORMATION
U.S. Federal Regulations
- SARA 313 components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels.
- SARA 302 components
Does not contain any components subject to reporting.
- SARA 311/312 Hazards
Does not contain any components subject to reporting.
- Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see CFR 61)
Does not contain any components subject to reporting.

U.S. State Regulations
- California Proposition 65
Does not contain any components subject to reporting.
- Massachusetts Right to Know Components
Does not contain any components subject to reporting.
- Pennsylvania Right to Know Components
N-(cyclopropylmethyl)-4-(4-(6-hydroxy-3,4-dihydroquinolin-1(2H)-yl)pyrimidin-2-ylamino)benzenesulfonamide, CAS No. 1228445-38-2.
- New Jersey Right to Know Components

WHMIS Hazard Class
Not controlled under WHMIS (Canada).

Regulation (EC) No 1272/2008 (EU-GHS/CLP)
Not hazardous
Regulatory information statement: This SDS was prepared in accordance with Regulation (EC) No. 1272/2008 and European Directive 67/548/EEC as amended.

16. OTHER INFORMATION
Notice

The information in this Safety Data Sheet is believed to be correct at the date of publication, but it does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. REPROCELL, Inc. shall not be held liable for any damage resulting from handling or from contact with the product. See REPROCELL, Inc. website for terms and conditions of sale.

Preparation Date: 12 October 2018
Version No.: 3.0
Prepared By: Quality Control

END OF SAFETY DATA SHEET