Material Safety Data Sheet

EasySep™ Direct RapidSpheres™ 50300  
Cat. No: 50300

1 Product and Company Identification

1.1 Product Name: EasySep™ Direct RapidSpheres™ 50300
1.2 Catalog Number: 50300
1.3 Synonyms: Not Available
1.4 Product Use: Cell Separation
1.5 Manufacturer/Supplier: STEMCELL Technologies Inc.
   Suite 400, 570 West 7th Avenue
   Vancouver, BC V5Z 1B3
   Canada

1.6 In Case of Emergency Call: 604-877-0713
1.7 Date Effective: March 28, 2014
1.8 Prepared By: Quality Control

2 Composition / Information on Ingredients

2.1 Component  
CASType  
No components present at hazardous levels  
Not Available  
Not Available

3 Hazards Identification

3.1 Emergency Overview: This product is a potential irritant to eyes, respiratory system, and skin. This product may also be harmful if ingested. Complete toxicological properties have yet to be determined.

3.2 Routes of Exposure: Absorbed through skin, eye contact, inhalation, and ingestion.

3.3 Potential Health Effects:

3.3.1 Eye: May cause eye irritation.
3.3.2 Skin: May cause skin irritation.
3.3.3 Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
3.3.4 Ingestion: May be harmful if swallowed.

3.4 Chronic Effects/Carcinogenicity: Not Available
3.5 OSHA Regulatory Status: Not Available

4 First Aid Measures

4.1 Eyes: In case of contact with eyes, flush thoroughly with water. Call a physician.
4.2 Skin: In case of contact with skin, wash the affected area with soap and copious amounts of water. Should irritation occur, contact a physician.
4.3 Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.
4.4 Inhalation: If inhaled, remove person to fresh air. If breathing becomes difficult, call a physician.
4.5 Puncture Wounds: Wash thoroughly with soap and water. Allow to bleed freely. Call a physician.
4.6 Note to Physician: Not Available
5 Fire Fighting Measures

5.1 Flash Point/Method: Not Available

5.2 Explosive Limits:

5.2.1 Upper: Not Available
5.2.2 Lower: Not Available

5.3 Autoignition Temperature: Not Available

5.4 Hazardous Combustion Products: Emits toxic fumes under fire conditions.

5.5 Conditions of Flammability: Not Available

5.6 Extinguishing Media: Water spray. Carbon dioxide, dry chemical powder or appropriate foam.

5.7 Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

5.8 Explosion Data:

5.8.1 Sensitivity to Mechanical Impact: Not Available
5.8.2 Sensitivity to Static Discharge: Not Available

6 Accidental Release Measures

6.1 Leak and Spill Procedure: Wear chemical-resistant gloves. Absorb spill and place in closed container for disposal. Ventilate and wash area thoroughly after clean-up is complete.

7 Handling and Storage

7.1 Handling: Should be handled by trained personnel observing good laboratory practices. Avoid inhalation. Avoid contact with eyes, skin, and clothing.

7.2 Storage: Store at 2 - 8°C

8 Exposure Controls / Personal Protection

8.1 Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

8.2 Personal Protective Equipment:

8.2.1 Respiratory Protection: This is a laboratory use product for which no industrial protective equipment has been designated.

8.2.2 Eye Protection: Safety glasses.

8.2.3 Skin Protection: Lab coat, latex gloves.

8.3 General Hygiene Considerations: Wash hands after use.

8.4 Exposure Limits:

8.4.1 ACGIH TLV-TWA: Not Available
8.4.2 OSHA PEL-TWA: Not Available

9 Physical / Chemical Properties

9.1 Appearance: Brown opaque
9.2 Odor: None
9.3 Physical State: Liquid
9.4 pH: Not Available
9.5 Boiling Point: Not Available
9.6 Melting Point: Not Available
9.7 Freezing Point: Not Available
9.8 Vapor Pressure: Not Available
9.9 Vapor Density: Not Available
9.10 Specific Gravity: Not Available
9.11 Evaporation Rate: Not Available
9.12 Solubility in Water: Not Available
9.13 Odor Threshold: Not Available
9.14 Coefficient of Water/Oil Distribution: Not Available

10 Stability / Reactivity
10.1 Chemical Stability: Stable
10.2 Conditions to Avoid: Not Available
10.3 Incompatibility (Material to Avoid): Not Available
10.4 Hazardous Decomposition/By-Products: Nature of decomposition products not known.
10.5 Hazardous Polymerization: Not Available

11 Toxicological Information
11.1 Effects of Short-Term Exposure: Not Available
11.2 Effects of Long-Term Exposure: Not Available
11.3 Irritancy of Product: Not Available
11.4 Sensitization to Product: Not Available
11.5 Carcinogenicity: Not Available
11.6 Reproductive Toxicity: Not Available
11.7 Teratogenicity and Embryotoxicity: Not Available
11.8 Mutagenicity: Not Available
11.9 Name of Toxicologically Synergistic Products: Not Available
11.10 LD50 (specify species and route): Not Available
11.11 LC50 (specify species): Not Available

12 Ecological Information
12.1 Not Available

13 Disposal Considerations
13.1 Waste Disposal Method: Disposal should be in accordance with existing practices at your institution. Observe all Federal, Provincial/State and Local Laws.

14 Transport Information
14.1 Transport Canada
  14.1.1 PIN No.: Not Available

14.2 U.S. Department of Transportation:
  14.2.1 Proper Shipping Name: Not Available
  14.2.2 Hazard Class: This substance is not known to be hazardous for transport.
  14.2.3 ID. Number: Not Available
  14.2.4 Packing Group: Not Available
  14.2.5 Label Statement: Not Available

15 Regulatory Information
15.1 WHMIS Classification: Not Available
15.2 Note: This MSDS was prepared according to the Canadian Controlled Products Regulation and contains all the information required by those regulations.

16 Other Information
16.1 Preparation Information: Not Applicable
16.2 This MSDS has been revised in the following section(s): Not Applicable
16.3 Original Issue Date: March 28, 2014
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