# SAFETY DATA SHEET

10975 - ImmunoCult™ Human Th2 Differentiation Supplement

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product Name**
ImmunoCult™ Human Th2 Differentiation Supplement

**Other means of identification**

**Catalog Number**
10975

**Document Number**
DX21413

**Synonyms**
None

**Recommended use of the chemical and restrictions on use**

**Recommended Use**
Laboratory reagent

**Details of the supplier of the safety data sheet**

**Manufacturer/Supplier**
STEMCELL Technologies Canada Inc.
Suite 500 - 1618 Station Street
Vancouver, British Columbia V6A 1B6 Canada

**Emergency telephone number**

**Emergency Telephone**
1-800-667-0322

## 2. HAZARDS IDENTIFICATION

**Classification**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Hazards not otherwise classified (HNOC)**

Not applicable

**Label elements**

**Hazard statements**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)
The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance  Clear  Physical state  Liquid  Odor  No data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance
Not applicable.

Mixture
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Inhalation  Remove to fresh air.

Eye contact  Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact  Wash skin with soap and water.

Ingestion  Clean mouth with water and drink afterwards plenty of water.
Most important symptoms and effects, both acute and delayed
Symptoms
No information available.

Indication of any immediate medical attention and special treatment needed
Note to physicians
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media
CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
No information available.

Explosion data
- Sensitivity to Mechanical Impact: None.
- Sensitivity to Static Discharge: None.

Special protective equipment for fire-fighters
Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Ensure adequate ventilation.

Environmental precautions

Environmental precautions
See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Pick up and transfer to properly labeled containers.

Prevention of secondary hazards
Clean contaminated objects and areas thoroughly observing environmental regulations.
7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities
Storage Conditions Store in accordance with information listed on the Product Information Sheet (PIS).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls
Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment
Eye/face protection No special protective equipment required.
Skin and body protection No special protective equipment required.
Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties
Physical state Liquid
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10975 - ImmunoCult™ Human Th2 Differentiation Supplement

Revision Date 25-Jan-2023
Revision Number 3

Appearance Clear
Color No information available
Odor No data available
Odor threshold No data available

10. STABILITY AND REACTIVITY

Reactivity No information available.

Chemical stability Stable under recommended transport or storage conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid None known based on information supplied.

Incompatible materials None known based on information supplied.
11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<table>
<thead>
<tr>
<th>Route</th>
<th>Specific test data for the substance or mixture is not available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td></td>
</tr>
<tr>
<td>Eye contact</td>
<td></td>
</tr>
<tr>
<td>Skin contact</td>
<td></td>
</tr>
<tr>
<td>Ingestion</td>
<td></td>
</tr>
</tbody>
</table>

### Symptoms related to the physical, chemical and toxicological characteristics

#### Symptoms

No information available.

### Numerical measures of toxicity

#### Acute toxicity

**Unknown acute toxicity**

<table>
<thead>
<tr>
<th>Description</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 % of the mixture consists of ingredient(s) of unknown toxicity</td>
<td></td>
</tr>
<tr>
<td>0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity</td>
<td></td>
</tr>
<tr>
<td>100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity</td>
<td></td>
</tr>
<tr>
<td>100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)</td>
<td></td>
</tr>
<tr>
<td>100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)</td>
<td></td>
</tr>
<tr>
<td>0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)</td>
<td></td>
</tr>
</tbody>
</table>

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Skin corrosion/irritation

No information available.

#### Serious eye damage/eye irritation

No information available.

#### Respiratory or skin sensitization

No information available.

#### Germ cell mutagenicity

No information available.
1. PRODUCT IDENTIFICATION
   - Common name: ImmunoCult™ Human Th2 Differentiation Supplement

2. HAZARDS IDENTIFICATION
   - Carcinogenicity: No information available.
   - Reproductive toxicity: No information available.
   - Ecotoxicity: No information available.
   - Persistence and degradability: No information available.
   - Bioaccumulation: There is no data for this product.
   - Aspiration hazard: No information available.

3. PRECAUTIONARY MEASURES
   - First aid measures:
     - Inhalation: Fresh air if needed.
     - Skin contact: Wash with soap and water.
     - Eye contact: Rinse with water for 15 minutes.
     - Ingestion: Do not induce vomiting.
   - Physical/chemical hazards:
     - Stability: Stable under normal conditions.
     - Reactivity: No specific data available.

4. FIRST-aid MEASURES
   - In case of contact:
     - Eyes: Rinse with water for 15 minutes.
     - Skin: Wash with soap and water.
     - Ingestion: Do not induce vomiting.
   - In case of breathing difficulty:
     - Provide artificial respiration if necessary.

5. FIRE-FIGHTING MEASURES
   - Extinguishing media: Water, foam, carbon dioxide.
   - Special hazards: None known.

6. ACCIDENTAL RELEASE MEASURES
   - Personal protective equipment:
     - Eye protection: Safety glasses.
     - Skin protection: Rubber gloves.
   - Spill response:
     - Clean up by means of suitable absorbent material and dispose of in accordance with local regulations.

7. HANDLING AND STORAGE
   - Handling:
     - Avoid breathing dust or vapor.
     - Do not eat, drink, or smoke in the workplace.
   - Storage:
     - Store in a cool, dry place.

8. EXPOSURE CONTROLS/WELFARE MEASURES
   - Personal protective equipment:
     - Eye protection: Safety glasses.
     - Skin protection: Rubber gloves.
   - Surveillance:
     - None known.

9. PHYSICAL AND CHEMICAL PROPERTIES
   - Physical state: Liquid.
   - Odor:
     - None known.
   - Melting point:
     - Not known.
   - Boiling point:
     - Not known.
   - Flash point:
     - Not known.
   - Vapour pressure:
     - Not known.
   - Solubility:
     - Not known.
   - Density:
     - Not known.

10. STABILITY AND REACTIVITY
    - Stability:
      - Stable under normal conditions.
    - Reactivity:
      - No specific data available.

11. TOXICOLOGICAL INFORMATION
    - Acute toxicity:
      - LD₅₀:
        - Oral: Not known.
        - Intravenous: Not known.
      - LC₅₀:
        - Oral: Not known.
        - Intravenous: Not known.
    - Other effects:
      - None known.

12. ECOLOGICAL INFORMATION
    - Ecotoxicity:
      - Product Information
    - Persistence and degradability:
      - No information available.
    - Bioaccumulation:
      - There is no data for this product.
    - Other adverse effects:
      - No information available.

13. DISPOSAL CONSIDERATIONS
    - Waste treatment methods:
      - Waste from residues/unused products:
        - Dispose of in accordance with local regulations.
      - Contaminated packaging:
        - Do not reuse empty containers.

14. TRANSPORT INFORMATION
    - DOT:
      - Not regulated

15. REGULATORY INFORMATION
    - None applicable.

16. ADDITIONAL INFORMATION
    - None known.

17. NOTES
    - None known.

18. OBSERVATIONS
    - None known.
15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Compliance Status</th>
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<tbody>
<tr>
<td>TSCA</td>
<td>Complies</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>Complies</td>
</tr>
<tr>
<td>EINECS/ELINCS</td>
<td>Complies</td>
</tr>
<tr>
<td>ENCS</td>
<td>Does not comply</td>
</tr>
<tr>
<td>IECSC</td>
<td>Complies</td>
</tr>
<tr>
<td>KECL</td>
<td>Does not comply</td>
</tr>
<tr>
<td>PICCS</td>
<td>Does not comply</td>
</tr>
<tr>
<td>AICS</td>
<td>Complies</td>
</tr>
</tbody>
</table>

Legend:
- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Compliant</th>
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<tbody>
<tr>
<td>Acute health hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>
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Fire hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

US State Regulations

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
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<th>Pennsylvania</th>
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<tbody>
<tr>
<td>Water</td>
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<tr>
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<tr>
<td>Sodium Phosphate Dibasic</td>
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<tr>
<td>7558-79-4</td>
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</table>

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Prepared By, Quality Control. STEMCELL Technologies Canada Inc.
Revision Date 25-Jan-2023
Revision Note No information available.
Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage,
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End of Safety Data Sheet