SECTION 1: Identification of the substance/mixture and of the company/undertaking

Identification of the substance or mixture

Product code 50062Z
Product name 10% NON-IMMUNE GOAT SERUM

Company/undertaking identification

Life Technologies
5791 Van Allen Way
PO Box 6482
Carlsbad, CA 92008
+1 760 603 7200

Life Technologies
5250 Mainway Drive
Burlington, ONT
CANADA L7L 6A4
800/263-6236

24 hour Emergency Response:
866-536-0631
301-431-8585
Outside of the U.S. +1-301-431-8585

Country specific Emergency Number (if available):
CHEMTREC Brazil (Río De Janeiro) +(55)-2139581449 (português)

For Laboratory Use.

SECTION 2: Hazards identification

GHS - Classification

Signal Word
Not Hazardous

Health hazards
Not Hazardous

Physical hazards
Not Hazardous

Principle Routes of Exposure
Potential Health Effects
eyes
May cause eye irritation with susceptible persons.
SECTION 5: Firefighting measures

Specific effects

<table>
<thead>
<tr>
<th>Carcinogenic effects</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mutagenic effects</td>
<td>None</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>None</td>
</tr>
<tr>
<td>Sensitization</td>
<td>None</td>
</tr>
</tbody>
</table>

Target Organ Effects

No known effects under normal use conditions

Suitable extinguishing media

- Water spray.
- Carbon dioxide (CO2).
- Foam.
- Dry chemical.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

SECTION 6: Accidental release measures

Personal precautions

Use personal protection equipment.

Methods for cleaning up

Soak up with inert absorbent material.

Environmental precautions

Prevent further leakage or spillage if safe to do so.

See Section 12 for more information.
SECTION 7: Handling and storage

Handling
Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

Storage
Keep in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection

Exposure Limits
We are not aware of any national exposure limit.

Engineering measures
Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment
Personal Protective Equipment requirements are dependent on the user institution’s risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection
Impervious gloves.

Eye protection
Wear safety glasses with side shields (or goggles).

Skin and Body Protection
Lightweight protective clothing.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls
Prevent product from entering drains.

SECTION 9: Physical and chemical properties

General information

Form
Liquid

Appearance
No information available

Odor
No data available

Odor Threshold
No data available

Boiling point / boiling range
°C No data available
°F No data available

Melting point / melting range
°C No data available
°F No data available

Flash point
°C No data available
°F No data available

Autoignition Temperature
°C No data available
°F No data available

Oxidizing properties
No information available

Water solubility
soluble

Viscosity
No data available

PH Range
6-8

SECTION 10: Stability and reactivity

Stability
Stable under normal conditions.

Materials to avoid
No dangerous reaction known under conditions of normal use.

Hazardous decomposition products
None under normal use conditions.

Polymerization
Hazardous polymerization does not occur.
SECTION 11: Toxicological information

Acute Toxicity

Not Hazardous.

Principle Routes of Exposure

<table>
<thead>
<tr>
<th>Potential Health Effects</th>
<th>Considering</th>
</tr>
</thead>
<tbody>
<tr>
<td>eyes</td>
<td>May cause eye irritation with susceptible persons</td>
</tr>
<tr>
<td>Skin</td>
<td>May cause skin irritation in susceptible persons</td>
</tr>
<tr>
<td>inhalation</td>
<td>May be harmful by inhalation</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May be harmful if swallowed</td>
</tr>
<tr>
<td>Carcinogenic effects</td>
<td>None</td>
</tr>
<tr>
<td>Mutagenic effects</td>
<td>None</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>None.</td>
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<td>Sensitization</td>
<td>None</td>
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<tr>
<td>Target Organ Effects</td>
<td>No known effects under normal use conditions</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

Ecotoxicity: No information available
Mobility: No information available
Biodegradation: Inherently biodegradable
Bioaccumulation: Material does not bioaccumulate

SECTION 13: Disposal considerations

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport information

IATA

Proper Shipping Name: No dangerous good in sense of these transport regulations
Hazard Class: None
Subsidiary class: None
Packing group: None
UN-No: None
SECTION 15: Regulatory information

US Federal Regulations

SARA 313
This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain HAPs.

US State Regulations

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

WHMIS Hazard Class
Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16: Other information

Reason for revision
SDS sections updated.

For Laboratory Use.

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE"

End of Safety Data Sheet