1. Chemical Product and Company Identification

Material Name: Deoxyadenosine 5'-triphosphate, [alpha-32P]- (EasyTides)
Version #: 01
Item #: BLU512H000MC
Identification Of The Company/Undertaking:
PerkinElmer Life and Analytical Sciences
710 Bridgeport Avenue
Shelton, CT 06484
Technical Support 800-762-4000
Emergency Telephone Number:
CHEMTREC 800-424-9300
Emergency Phone 800-762-4000

2. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Non-hazardous component(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'-DEOXYADENOSINE 5'-TRIPHOSPHATE DISODIUM SALT</td>
<td>1927-31-7</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td>&gt; 90</td>
</tr>
<tr>
<td>TRICINE</td>
<td>5704-04-1</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>TRIZMA BASE, SIGMAULTRA</td>
<td>77-86-1</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Other components below reportable levels</td>
<td></td>
<td>0.01 - 0.1</td>
</tr>
</tbody>
</table>

3. Hazards Identification

Potential Short Term Health Effects

Skin
Not expected to be a primary skin irritant.

Eyes
Contact with eyes may cause irritation.

Inhalation
May cause irritation of respiratory tract.

Ingestion
Do not ingest. May be harmful if swallowed.

4. First Aid Measures

General advice
If you feel unwell, seek medical advice (show the label where possible).

First Aid

Skin contact
Rinse with water.

Eye contact
Flush eyes with water as a precaution.
Inhalation
No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

Ingestion
Have victim rinse mouth thoroughly with water. If ingestion of a large amount does occur, seek medical attention.

5. Fire Fighting Measures

Suitable extinguishing media
Small Fires: Dry chemical, CO2, water spray or regular foam.

Large Fires: Water spray, fog or regular foam.

6. Accidental Release Measures

Environmental precautions
Prevent further leakage or spillage if safe to do so.

Methods for cleaning up
Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Dike far ahead of liquid spill for later disposal. Never return spills in original containers for re-use.

Containment Procedures
Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas. Dike the spilled material, where this is possible.

7. Handling and Storage

Handling
Handle and open container with care.

Storage
Use care in handling/storage.

8. Exposure Controls / Personal Protection

Exposure Limit Values

Exposure Controls

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

Respiratory protection
No personal respiratory protective equipment normally required.

Eye protection
Avoid contact with eyes.

9. Physical & Chemical Properties

General Information

Form
liquid

Color
opaque, green

Important health, safety and environmental information

pH
7.6

Material ID 13082  Material Name Deoxyadenosine 5'-triphosphate, [alpha-32P]- (I

MSDS US
10. Chemical Stability & Reactivity Information
Stability
No hazards to be especially mentioned.
Incompatibility
None known.

11. Toxicological Information
Further information
This product has no known adverse effect on human health.

12. Ecological Information
Ecological Information
This material is not expected to be harmful to aquatic life.
Other adverse effects
Ecological injuries are not known or expected under normal use.

13. Disposal Considerations
Disposal Instructions
Dispose in accordance with all applicable regulations.

14. Transportation Information
US DOT
IATA
Other Information
Not classified as dangerous in the meaning of transport regulations.

15. Regulatory Information
US Federal Regulations
OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.
CERCLA/SARA Hazardous Substances - Not applicable.
State Regulations
This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information
Disclaimer
The information provided in this Material Safety Data Sheet is based on our present knowledge, and believed to be correct at the date of publication. However, no representation is made concerning its accuracy and completeness. It is intended as guidance only, and is not to be considered a warranty or quality specification. All materials may present unknown hazards, and should be used with caution. Although certain hazards are described, we cannot guarantee that these are the only hazards which exist. PerkinElmer Life and Analytical Sciences shall not be held liable for any damage resulting from handling or from contact with the product.