1. Chemical product and company identification

Product name: FUJI DRI-CHEM REFERENCE FLUID RE
Product usage: FUJI DRI-CHEM: Reference for electrolyte
Company Name: FUJIFILM Corporation
Address: 2-26-30, Nishiazabu, Minato-ku, Tokyo, 106-8620
Division: Medical Systems Business Div.
Telephone Number: 03-6418-2199
FAX Number: 03-6418-9350
Emergency Contacts: Japan Poison Information Center (In case of accidental poisioning call either)

Reference number: DC101102G

2. Hazards identification

GHS classification

Health hazards: Acute toxicity, oral
Skin corrosion/irritation: Not classified
Serious eye damage/eye irritation: Not classified

*Degree of Hazards: Smaller category number is more hazardous.
*Hazards not stated here are "Not applicable" or "Classification not possible".

National/local information: See Section 15. REGULATORY INFORMATION

3. Composition/information on ingredients

Substance or mixture: Mixtures

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>ENCS no.</th>
<th>ISHL no.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>water</td>
<td>7732-18-5</td>
<td>2-242</td>
<td>(6)-1007, (6)-1048</td>
<td>80 - 100</td>
</tr>
<tr>
<td>glycerin</td>
<td>56-81-5</td>
<td>6-1007</td>
<td>1-482</td>
<td>1 - 5</td>
</tr>
<tr>
<td>polyvinylpyrrolidone</td>
<td>9003-39-8</td>
<td>1-482</td>
<td>0 - 0.1</td>
<td></td>
</tr>
<tr>
<td>sodium azide</td>
<td>26628-22-8</td>
<td>1-482</td>
<td>0 - 0.1</td>
<td></td>
</tr>
</tbody>
</table>

Chemical formula: H2O (7732-18-5), C3H8O3 (56-81-5), (C6H9NO)x (9003-39-8), NaN3 (26628-22-8)

(*) Generally chemical substances greater than 1% of the total are listed.
Note: The notes / remarks within the brackets [ ] following the chemical substance names are used to communicate the following indications:
"PRTR S1": Chemical substances that are designated in the Law for Promoting the Management of Chemical Substances as Specific Class 1 Chemical Substances.
"PRTR 1": Chemical substances that are designated as Class 1 Chemical substances in the same Law.
"PRTR 2": Chemical substances that are designated as Class 2 Chemical substances in the same Law.
"SSN": Chemical substances that are subject to notification in accordance with the Labor Safety and Health Law.

4. First aid measures

If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician.
If on skin: Rinse skin with water/shower. Get medical attention if irritation develops and persists.
If in eyes: Rinse with water. Get medical attention if irritation develops and persists.
If swallowed: Rinse mouth. Get medical attention if any discomfort continues.

5. Fire-fighting measures

Extinguishing media: Dry chemical, foam, carbon dioxide, water fog.
Extinguishing media to avoid
None.

Special fire fighting procedures
Keep personnel removed from and upwind of fire. Water runoff can damage the environment. Dike and collect water used to fight fire. Evacuate area and fight fire from a safe distance.

Protection of fire-fighters
Wear adequate personal protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency measures
Wear adequate personal protective equipment, see Section 8 (Exposure Controls/Personal Protection)

Environmental precautions
Prevent from entering into soil, waterways and ground water.

Clean-up methods and materials and containment measures
Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

7. Handling and storage

Handling

Technical measures
Avoid contact with skin, eyes and clothing. Wash hands after handling.

Local and general ventilation
Use only with adequate ventilation.

Precautions
See Section 8 (Exposure Controls/Personal Protection).

Safe handling advice
See Section 10 (Stability and reactivity).

Storage

Suitable storage conditions
Protect from sunlight. Keep container tightly closed.

Safe packaging materials
Use plastic container that have enough toughness.

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>ACGIH Components</th>
<th>Type</th>
<th>Value</th>
<th>Form</th>
</tr>
</thead>
</table>
| glycerin (CAS 56-81-5)| TWA   | 10 mg/m³ | Mist.

US. ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>sodium azide (CAS 26628-22-8)</td>
<td>Ceiling</td>
<td>0.29 mg/m³</td>
</tr>
</tbody>
</table>

Engineering measures
Evacuate and ventilate spill area. Provide easy access to water supply and eye wash facilities.

Personal protective equipment

Respiratory protection
Wear suitable respiratory protection.

Hand protection
Wear suitable gloves.

Eye protection
Use eye protection. Use face shield in case of splash risk.

Skin and body protection
Wear suitable protective clothing.

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

9. Physical and chemical properties

Appearance

Form
Liquid.

Color
Clear.

Odor
Odorless.

pH
8.35

Melting point/Freezing point
No data available.

Boiling point, initial boiling point, and boiling range
No data available.

Flash point
Not flammable

Auto-ignition temperature
No data available.

Flammability limit - lower (%)
No data available.
Flammability limit - upper
(%) No data available.
Vapor pressure No data available.
Vapor density No data available.
Specific gravity No data available.
Density No data available.
Solubility (water) No data available.
Partition coefficient
(n-octanol/water) Not available
Decomposition temperature No data available.

10. Stability and reactivity
Stability Stable at normal conditions.
Possibility of hazardous reactions Mixing with a acid or a heavy metal may form highly explosive metal azides.
Conditions to avoid Freezing. Protect against direct sunlight.
Incompatible materials Acids. Heavy metals.
Hazardous decomposition products CO, CO2
Other information May be released the harmful hydrogen azide when mixing with acids.

11. Toxicological information

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Test Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>FUJI DRI-CHEM REFERENCE FLUID RE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Oral LD50</td>
<td>Rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>slight</td>
<td></td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>non irritant</td>
<td></td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Substances in group [1;2A;2B] by IARC (International Agency for Research on Cancer): None</td>
<td></td>
</tr>
</tbody>
</table>

12. Ecological information
Bioaccumulation Not established.
Mobility in soil Not established.
Other hazardous effects Not established.

13. Disposal considerations
When your own wastewater treatment plant is not available, collect entire waste and then charge to a licensed industrial waste management professional with manifests for industrial waste. Laws and regulations to be followed while disposing of this product or waste: Japanese Waste Control and Public Cleaning Law: Falls under the category of an industrial waste (alkaline waste) Japanese Water Pollution Control Law: Effluent standard Japanese Sewer Management Law: Restricts discharging sewer.

14. Transport information
Marine transportation is regulated by IMDG Code. Air transportation is regulated by IATA Dangerous Goods Regulations.

International regulations
IMDG Not regulated as dangerous goods.
IATA Not regulated as dangerous goods.

15. Regulatory information
Law concerning the Examination and Regulation of Manufacture etc. of Chemical Substances
Class 1 Specified Chemical Substance: Not regulated.
Class 2 Specified Chemical Substance: Not regulated.
Monitoring Chemical Substances: Not regulated.
16. Other information

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.