1. Chemical product and company identification

Product name: FUJI DRI-CHEM DILUENT DL(CRP)
Product usage: FUJI DRI-CHEM: Dilution for CRP Sample
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 poioning call either)
Emergency Call: Osaka 072-727-2499(24hrs)
Tsukuba 029-852-9999(9a.m-9p.m.)
Reference number: DC100403G

2. Hazards identification

GHS classification
- Acute toxicity, oral: Not classified
- 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".

Other hazards
- This product has been found to be non-reactive for HBs Ag(hepatitis-B virus antigen),
  anti-HCV(hepatitis-C virus) and anti-HIV(human immuno deficiency virus) antibodies. However,
  there is no absolute proof of non-infectiousness.

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Gazette notification</th>
</tr>
</thead>
<tbody>
<tr>
<td>water</td>
<td>7732-18-5</td>
<td>ENCS no.</td>
</tr>
<tr>
<td>casein from milk</td>
<td>9000-71-9</td>
<td>------</td>
</tr>
<tr>
<td>sodium azide</td>
<td>26628-22-8</td>
<td>1-482</td>
</tr>
</tbody>
</table>

Chemical formula: H2O (7732-18-5), 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 thoroughly. Get medical attention if any discomfort occurs.
Protection of first-aid responders: Rescuers should wear proper personal protective equipment suitable for situation.

5. Fire-fighting measures

Extinguishing media: Carbon dioxide, dry chemical and protein based foam.
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: Avoid contact with skin, eyes and clothing. Wash hands after handling. Use only with adequate ventilation.

Technical measures: See Section 8 (Exposure Controls/Personal Protection).

General and local ventilation: See Section 10 (Stability and reactivity).

Safe handling advice: Use plastic container that have enough toughness.

Protection of fire-fighters: Wear adequate personal protective equipment.

8. Exposure controls/personal protection

Occupational exposure limits

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>
<tr>
<td></td>
<td></td>
<td>0.11 ppm</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: Clear liquid

Color: Transparent colourless

Odor: Practically odourless

pH: 6.2 Approx.

Melting point/Freezing point: No data available.

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

Flash point: No data available.

Auto-ignition temperature: No data available.

Flammability limit - lower (%): No data available.

Flammability limit - upper (%): No data available.

Vapor pressure: 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 DILUENT DL(CRP)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 2000 mg/kg</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**
No irritation

**Serious eye damage/eye irritation**
Non irritant

**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 (acidic 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.

--- Information for marine and air transportation to be passed to the shipping company ---

**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.
- **Priority Assessment Chemicals:** Not regulated.

**Industrial Safety and Health Law**

- **Dangerous Substances Flammable:** Not regulated.
- **Dangerous Substances Flammable Gases:** Not regulated.
Dangerous Substances Oxidizing: Not regulated.
Dangerous Substances Explosives: Not regulated.
Dangerous Substances Ignitable: Not regulated.
Harmful Substances Carcinogen: Not regulated.
Class 1 Designated Chemical Substances: Not regulated.
Class 2 Designated Chemical Substances: Not regulated.
Class 3 Designated Chemical Substances: Not regulated.
Class 1 Organic Solvents Preparations: Not regulated.
Class 2 Organic Solvents Preparations: Not regulated.
Class 3 Organic Solvents Preparations: Not regulated.
Notifiable Substance: Not regulated.
Labeling Requirements: Not regulated.
Others: Not regulated.

Poisonous and Deleterious Substances Control Law
Specified Poisonous Substance - Main Law: Not regulated.
Specified Poisonous Substance - Cabinet Order: Not regulated.
Poisonous Substances - Cabinet Order: Not regulated.
Deleterious Substances - Cabinet Order: Not regulated.
Enforcement Order Article 32-2: Not regulated.
Enforcement Order Article 32-3: Not regulated.
Not Considered Poisonous: Not regulated.
Not Considered Deleterious: Not regulated.

Fire Service Law
Class 1 Oxidizing Solids: Not regulated.
Class 2 Flammable Solids: Not regulated.
Class 3 Spontaneous combustibility and Water-reactivity Substances: Not regulated.
Class 4 Flammable Liquids: Not regulated.
Class 5 Self-Reactive Substances: Not regulated.
Class 6 Oxidizing Liquids: Not regulated.
Designated Flammable Substances: Not regulated.
Storage Reporting Substance: Not regulated.

Japan PRTR
Specific Class 1 Designated Substance: Not regulated.
Class 1 Designated Substance: Not regulated.
Class 2 Designated Substance: Not regulated.

Ship Safety Law
Civil Aeronautics law Not regulated.
Japan Marine Pollution Not regulated.
Prevention Law
High Pressure Gas Safety law Not regulated.
Gun Powder Control Law 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.