Material Safety Data Sheet

1. Product Identification
   - Product Name: Diluent
   - Catalog Number: DIL 010 / DIL 011 / DIL 012

2. Composition and Information on Ingredients
   - Active Ingredients:
     - Sodium Chloride<1%
     - CAS Number: 7647-14-5
     - Wetting Agent<0.1%

3. Hazard Identification
   - Potential Health Effect
     - Liquid. Odorless. Nonflammable. Irritation of eyes and mucous membrane may be resulted in by contact.
   - Product Hazard Classifications
     - EU: None
     - US OSHA: Yes
     - WHMIS: Exempt
   - Reactivity
     - Minimum risk

4. First Aid Measures
   - Ingestion
     - Call physician for medical attention if the product is taken internally. Do not attempt to induce vomiting, or
to give any solid or liquid by mouth if the exposed subject is unconscious or semi-conscious.
   - Inhalation
     - Remove exposed individual to fresh air. If irritation or signs of toxicity occur, seek medical advice
     immediately.
   - Skin Contact
     - Wash the skin area with soap and water. Rinse with copious amount of water.
   - Eye Contact
     - Wash immediately with clean and flowing water. Continue for at least 15 minutes. Obtain medical advice if
     pain or irritation occurs.

5. Fire Fighting Measures
   - Fire and Explosion Hazard
     - Not applicable
   - Extinguishing Media
     - Use extinguishing media for surrounding fire.
   - Special Fire and Explosion Hazard
     - No special hazards
   - Hazardous Combustion
     - Products No combustion products posing significant hazards are expected from this product.
Protective Equipment for Firefighters
Self-contained breathing apparatus and full protective equipment are recommended for firefighters.

6. Accidental Release Measures

Personal Precautions
Use good laboratory procedures

Clean-up Methods
Wipe up spill and place in containers suitable for disposal.

Environmental Precautions
For large spills, take precautions to prevent entry into waterways, sewers, or surface waters.

7. Handling and Storage

Safe Handling
Avoid contact with eyes. Use good laboratory procedures.

Recommended Storage Conditions
Keep in the original packaging at the labeled temperature.

Protection against Explosion And Fires
No special measures required. Refer to the product label for additional information on storage conditions.

8. Exposure Controls and Personal Protection

Engineering Controls
Use in well-ventilated rooms. No special engineering controls are required.

Respiratory Protection
Under normal conditions. No respiratory protection is required of the use of this product.

Hand Protection
Impervious gloves are recommended if hand contact with the material is anticipated.

Eye Protection
Safety glasses or goggles are recommended if danger of splashes may be present.

Skin Protection
Laboratory coat or appropriate clothing is needed when working with the product.

9. Physical And Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>pH</td>
<td>7.93 ± 0.5</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>NA</td>
</tr>
<tr>
<td>Melting Point</td>
<td>NA</td>
</tr>
<tr>
<td>Flash Point</td>
<td>NA</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Auto Flammability</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Density</td>
<td>NA</td>
</tr>
</tbody>
</table>
Solubility
Water: Miscible
Fat: NA

Stability
Stable: under normal temperatures and pressures.

Materials to Avoid:
Incompatible with acids, bases and strong oxidizers.

Conditions to Avoid:
None determined.

Hazardous Decomposition Products:
No dangerous decomposition products known.

10. Toxicological Information

Toxicity Data NA

Routes of Exposure: Skin, eyes, inhalation and ingestion

Potential Effects of Acute Exposure: May cause irritation of the nose, throat, skin, and eyes.

Potential Effects of Chronic Exposure: Long-term exposure may result in liver toxic.

Symptoms of Overexposure: Chronic overexposure may produce effects similar to acute exposure.

Carcinogenicity: This product does not contain a reportable concentration (\( \geq 0.1\%) of any ingredient listed as carcinogen by 67/548/EEC Annex I.

11. Ecological Information

General Notes: Do not introduce undiluted product or large quantities of it to reach surface water, water supply, or sewage system.

12. Disposal Considerations

Waste Disposal: Dispose unused product, packaging in accordance with local regulations. If unsure of the applicable requirements, contact the authorities for information.

13. Regulatory Information

NA.

14. Other Information

NA => NOT APPLICABLE or NO INFORMATION