Section 1. Chemical Product and Company Identification

Product No. R21226
Trade name Gelatin Reagent
Manufacturer REMEL Inc.
12076 Santa Fe Drive
P.O. Box 14428
Lenexa
Kansas KS 66215
U.S.A.
Tel: (+1) 913 888 0939
Fax: (+1) 913 895 4128
Emergency: Chemtrec USA 800-424-9300

Supplier OXOID LIMITED
Wade Road
Basingstoke
Hants
RG24 8PW
Tel: + 44 1256 841144

Section 2. Composition, Information on Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS No.</th>
<th>Concentration</th>
<th>Classification</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Xi - Irritant.</td>
<td>R48/24/25- Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.</td>
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<tr>
<td>Mercuric Chloride</td>
<td>7487-94-7</td>
<td>12.50 % w/v</td>
<td>T+ - Very toxic.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>T - Toxic.</td>
<td>R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td>
</tr>
<tr>
<td></td>
<td>231-299-8</td>
<td></td>
<td>C - Corrosive.</td>
<td>R54- Causes burns.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N - Dangerous to the Environment.</td>
<td></td>
</tr>
</tbody>
</table>

Page: 1/4
SAFETY DATA SHEET
Gelatin Reagent

Section 3. Hazards Identification

Most Important Hazards

Very toxic if swallowed.
Causes burns.
Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.

Section 4. First Aid Measures

First Aid - Eyes
Check for and remove any contact lenses. In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention immediately.

First Aid - Skin
In case of contact, immediately flush skin copiously with water for at least 15 minutes while removing contaminated clothing and shoes. Obtain medical attention immediately.

First Aid - Ingestion
Wash out mouth with water. Have victim drink 1-3 glasses of water to dilute stomach contents.

First Aid - Inhalation
Remove from exposure. Seek medical attention if you feel unwell.

Section 5. Fire Fighting Measures

Extinguishing Media - Suitable
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Section 6. Accidental Release Measures

Personal Precautions
Wear appropriate protective clothing. Safety glasses or chemical goggles to EN166, 167 and 168. Neoprene gloves.

Spill
Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7. Handling and Storage

Handling
Avoid contact with eyes, skin and clothing.

Storage
Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

Section 8. Exposure Controls, Personal Protection

Protective Measures - Respiratory
Recommended: Handle the material in a fume hood/cupboard or under local exhaust ventilation.

Protective Measures - Hands
Neoprene gloves.

Protective Measures - Eyes
Safety glasses or chemical goggles to EN166, 167 and 168.

Protective Measures - Body
Lab coat.

Section 9. Physical and Chemical Properties

Physical state
Liquid.

Colour
Colourless.
Section 10. Stability and Reactivity

Stability
Stable under recommended storage and handling conditions (see section 7).

Section 11. Toxicological Information

Acute toxicity
Very toxic if swallowed.

Sub-Chronic toxicity
Repeated or prolonged contact with spray mist may produce chronic eye irritation and severe skin irritation. Repeated or prolonged exposure to spray mist may produce respiratory tract irritation, leading to frequent attacks of bronchial infection. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

Chronic toxicity / Carcinogenic effects
No evidence.

Section 12. Ecological Information

Ecotoxicity
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Section 13. Disposal Considerations

Disposal considerations
Hazardous waste. Dispose of according to all federal, state and local applicable regulations.

Section 14. Transport Information

UN : UN number 2922
UN : Proper shipping name Corrosive liquid, toxic, n.o.s. (Hydrochloric acid, Mercuric Chloride)
UN : Class 8, 6.1
UN : Packing group II

Section 15. Regulatory Information

Label Requirements
Very toxic, Dangerous for the environment

Risk Phrases
R28- Very toxic if swallowed.
R48/24/25- Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.
R34- Causes burns.
R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases
S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28- After contact with skin, wash immediately with plenty of soap and water.
S29- Do not empty into drains.
S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

EC Classification
## Section 16. Other Information

<table>
<thead>
<tr>
<th>MSDS first issued</th>
<th>28/02/2007</th>
</tr>
</thead>
</table>
| **Notes**         | Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.

Labelling of packaging containing less than 125 ml will differ according to the EU preparations Directive 1999/45/EC.