Section 1. Chemical Product and Company Identification

Product No. R40190
Trade name TB Auramine-Rhodamine T
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
ENGLAND
Tel: + 44 (0)1256 841144
Fax: + 44 (0)1256 463388

Section 2. Hazards Identification

Most Important Hazards Toxic in contact with skin and if swallowed. Causes burns.
This product is for in vitro diagnostic use only.
Specimen material may contain pathogenic organisms. Handle with the appropriate precautions.
Corrosive to eyes.

Human health hazards - Eyes Toxic in contact with skin. Corrosive to the skin.

Human health hazards - Skin Corrosive to the skin.

Human health hazards - Ingestion Toxic if swallowed.

Human health hazards - Inhalation Corrosive to the respiratory system.

Section 3. Composition, Information on Ingredients

Preparation - Hazardous ingredients (Europe)

<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>Glycerol</td>
<td>56-81-5</td>
<td>75.00 % v/v</td>
<td>Xi - Irritant.</td>
<td>R36/38 - Irritating to eyes and skin.</td>
</tr>
<tr>
<td></td>
<td>200-289-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phenol</td>
<td>108-95-2</td>
<td>10.00 % w/v</td>
<td>T - Toxic.</td>
<td>R24/25 - Toxic in contact with skin and if swallowed.</td>
</tr>
<tr>
<td></td>
<td>203-632-7</td>
<td></td>
<td>C - Corrosive.</td>
<td>R34 - Causes burns.</td>
</tr>
</tbody>
</table>

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 water spray, fog or foam. Do not use water jet.

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 at room temperature. Keep well closed and protected from direct sunlight and moisture.

Section 8. Exposure Controls, Personal Protection

Occupational Exposure Limits (Preparation) - Europe
Phenol UK EH40: MEL 2 ppm 8hr TWA. (Skin)
Glycerol, Mist UK EH40: OES 10 mg/m³ 8hr TWA.

Occupational Exposure Limits (Preparation) - United States
Phenol ACGIH TLV 5 ppm (19 mg/m³) 8hr TWA. (Skin)
Glycerol, Mist OSHA PEL 5 mg/m³ 8hr TWA.

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. (5 x 250 ml)

Flammability
Not combustible.

Section 10. Stability and Reactivity

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

Section 11. Toxicological Information

Acute toxicity
Toxic in contact with skin and if swallowed.

Eye irritation
This material is corrosive to the eye.

Skin irritation
This material is corrosive to the skin.

Chronic toxicity / Carcinogenic effects
No evidence.
Section 12. Ecological Information

Ecotoxicity
No relevant studies identified.

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 2927
UN : Proper shipping name Toxic liquid, corrosive, organic, n.o.s. (Phenol Solution)
UN : Class 6.1, 8
UN : Packing group III

Section 15. Regulatory Information

Label Requirements
Toxic

Risk Phrases
R24/25- Toxic in contact with skin and if swallowed. R34- Causes burns.

Safety Phrases
S28- After contact with skin, wash immediately with plenty of soap and water. S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

TSCA
TSCA 8(b) inventory: No products were found.

EC Classification
T - Toxic. C - Corrosive.

WHMIS (Classification)
Class D-2B: Material causing other toxic effects (TOXIC). Class E: Corrosive liquid.

Section 16. Other Information

MSDS first issued 01/04/2005
MSDS data revised 30/01/2009
USES Stain for microscopic detection of Acid-Fast-Bacilli.
Revisions Highlighted Date of issue
Notes Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.