Section 1. Chemical Product and Company Identification

**Product No.**
R40204

**Trade name**
TB Kinyoun Carbolfuchsin (5 pack)

**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>Ethanol</td>
<td>64-17-5</td>
<td>20.00 % v/v</td>
<td>F - Highly flammable.</td>
<td>R11- Highly flammable.</td>
</tr>
<tr>
<td>Phenol.</td>
<td>108-95-2</td>
<td>8.00 % v/v</td>
<td>T - Toxic.</td>
<td>R23/24/25- Toxic by inhalation, 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>
<tr>
<td></td>
<td></td>
<td></td>
<td>Xn - Harmful.</td>
<td>R46/20/21/22- Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.</td>
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<tr>
<td>Fuchsin Basic</td>
<td>632-99-5</td>
<td>4.00 % w/v</td>
<td>Carc. Cat.3</td>
<td>R68- Possible risk of irreversible effects.</td>
</tr>
<tr>
<td></td>
<td>211-189-6</td>
<td></td>
<td>Xi - Irritant.</td>
<td>R40- Limited evidence of a carcinogenic effect.</td>
</tr>
</tbody>
</table>
Section 3. Hazards Identification

Most Important Hazards
Flammable. Harmful by inhalation, in contact with skin and if swallowed. Causes burns. Limited evidence of a carcinogenic effect. Possible risk of irreversible effects.

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.

First Aid - Skin
After contact with skin, wash immediately with a copious amount of water. Obtain medical attention if soreness or redness persists.

First Aid - Ingestion
Have victim drink 1-3 glasses of water to dilute stomach contents. Seek immediate medical attention.

First Aid - Inhalation
If inhaled, remove to fresh air. 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.

Section 6. Accidental Release Measures

Spill
Absorb with dry earth, sand or other noncombustible material.

Section 7. Handling and Storage

Handling
Keep away from heat. Keep away from sources of ignition. Do not breathe gas/fumes/vapour/spray.

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

Engineering measures
Good general ventilation should be sufficient to control airborne levels.

Protective Measures - Respiratory
A respirator is not needed under normal and intended conditions of product use.

Protective Measures - Hands
Nitrile 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
Red.
Section 10. Stability and Reactivity

Stability

The product is stable.

Conditions to Avoid

Avoid all possible sources of ignition (spark or flame).

Hazardous decomposition products

carbon oxides (CO, CO2)

Section 11. Toxicological Information

Acute toxicity

Harmful by inhalation, in contact with skin and if swallowed.

Eye irritation

Hazardous in case of eye contact (corrosive).

Skin irritation

Hazardous in case of skin contact (corrosive).

Chronic toxicity / Carcinogenic effects

EU Category 3: Cause concern owing to possible mutagenic effects.
EU Category 3: Cause concern owing to possible carcinogenic effects.

Section 12. Ecological Information

Ecotoxicity

No relevant studies identified.

Section 13. Disposal Considerations

Disposal considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14. Transport Information

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<th>Proper shipping name</th>
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<td>UN</td>
<td>Alcohols, Flammable, Toxic n.o.s. (Ethanol, Phenol)</td>
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</table>

<table>
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<tr>
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<td>3, 6.1</td>
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<table>
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<th>Packing group</th>
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<tbody>
<tr>
<td>UN</td>
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</tbody>
</table>

Section 15. Regulatory Information

Label Requirements

Corrosive

Risk Phrases

R10- Flammable.
R40- Limited evidence of a carcinogenic effect.
R68- Possible risks of irreversible effects.
R20/21/22- Harmful by inhalation, in contact with skin and if swallowed.
R34- Causes burns.

Safety Phrases

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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

Flammable.
Xn - Harmful.
Carcinogen Category 3
Mutagen Category 3
C - Corrosive.
**Section 16. Other Information**

<table>
<thead>
<tr>
<th>MSDS first issued</th>
<th>26/02/2007</th>
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<td>Notes</td>
<td>Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC, 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.</td>
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</tbody>
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