



SAFETY DATA SHEET

TB Decolorizer - 0.5% Acid Alcohol

Date of issue - 28/03/2007.

R40094

Section 1. Chemical Product and Company Identification

Product No. R40094
Trade name TB Decolorizer - 0.5% Acid Alcohol
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

Preparation - Hazardous ingredients (Europe)

Component	CAS No.	Concentration	Classification	Risk Phrases
Ethanol	64-17-5 200-578-6	65.00 % v/v	F - Highly flammable.	R11- Highly flammable.
Propan-2-ol	67-63-0 200-661-7	3.50 % v/v	F - Highly flammable. Xi - Irritant.	R11- Highly flammable. R36- Irritating to eyes. R67- Vapours may cause drowsiness and dizziness.
Methanol	67-56-1 200-659-6	3.50 % v/v	F - Highly flammable. Xn - Harmful.	R11- Highly flammable. R20/21/22- Harmful by inhalation, in contact with skin and if swallowed. R68/20/21/22- Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
Hydrochloric Acid	7647-01-0 231-595-7	0.50 % v/v	C - Corrosive.	R34- Causes burns. R37- Irritating to respiratory system.



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Section 3. Hazards Identification

Most Important Hazards

Harmful by inhalation, in contact with skin and if swallowed.
Harmful: possible risk of irreversible effects through inhalation, 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.

First Aid - Skin

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.

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.

Section 6. Accidental Release Measures

Personal Precautions

Wear appropriate protective clothing. Safety glasses or chemical goggles to EN166, 167 and 168. Disposable vinyl 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. 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 - 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

Colourless.

Solubility - Water

Soluble

Flammability

Highly flammable.



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Section 10. Stability and Reactivity

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

Hazardous decomposition products carbon oxides (CO, CO₂) Hydrogen Chloride (HCl)

Section 11. Toxicological Information

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

Chronic toxicity / Carcinogenic effects Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

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** 2924

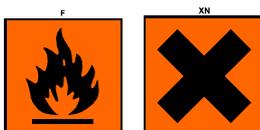
UN : **Proper shipping name** Flammable liquid, corrosive, n.o.s. (Ethanol, Hydrochloric acid.)

UN : **Class** 3, 8

UN : **Packing group** II

Section 15. Regulatory Information

Label Requirements Highly flammable, Harmful



Risk Phrases R11- Highly flammable.
R20/21/22- Harmful by inhalation, in contact with skin and if swallowed.
R68/20/21/22- Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

Safety Phrases S7- Keep container tightly closed.
S16- Keep away from sources of ignition - No smoking.
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 water.
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 F - Highly flammable. Xn - Harmful.



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Section 16. Other Information

MSDS first issued

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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.