

## MATERIAL SAFETY DATA SHEET

### TECRA<sup>®</sup> CAMPYLOBACTER SELECTIVE SUPPLEMENT

#### COMPANY DETAILS

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#### 1. IDENTIFICATION

Product Name: TECRA Campylobacter Selective Supplement  
Product Code: TCE SUP 010  
UN Number:  
Dangerous Goods Class and Subsidiary Risk:  
Hazchem Code:  
Poisons Schedule Number:  
Use: This supplement is to be rehydrated with acetone then used as the selective component within a microbiological growth medium.

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:	CAS Number:	EC No	Proportion:
Trimethoprim	738-70-5	212-006-2	30 - 60%
Rifampicin	13292-46-1	236-312-0	30 - 60%
Polymixin b sulphate	1405-20-5	215-774-7	<10%

#### 3. HAZARDS IDENTIFICATION

##### Label Precautionary Statements

HAZARDOUS

Toxic by inhalation, in contact with skin and if swallowed

May impair fertility

May cause harm to the unborn child

Irritating to eyes, respiratory system and skin

##### Target Organs:

Bone marrow, liver, and kidneys.

#### 4. FIRST-AID MEASURES

Swallowed:	Provided person is conscious, wash out mouth with water, call a doctor.
Eye:	Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelid with clean fingers. Call a doctor.
Skin:	Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a doctor.
Inhaled:	Remove to fresh air. If breathing becomes difficult, call a doctor.
First Aid Facilities:	Safety shower and eye bath

#### 5. FIRE FIGHTING MEASURES

##### Extinguishing Media

Carbon dioxide, dry chemical powder or appropriate foam.

##### Special Firefighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

##### Unusual Fire and Explosion Hazards

Emits toxic fumes under fire conditions.

#### 6. ACCIDENTAL RELEASE MEASURES

Evacuate the area. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill area after material pick up is complete.

#### 7. HANDLING AND STORAGE

Keep tightly closed. Store in a cool dry place. Protect from light, heat and moisture.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:	Do not breathe dust. Do not get in eyes, on skin, or on clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling.
Engineering Controls:	Use only in a chemical fume hood
Personal Protection:	Wear suitable protective clothing, gloves and eye/face protection. Do not breathe dust.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A red anhydrous powder.
Boiling Point/Melting Point:	183 – 203 degrees Celsius
Vapour Pressure:	no information
Specific Gravity:	no information
Flashpoint:	no information
Flammability Limits:	no information
Solubility:	Soluble in acetone and in methanol Slightly soluble in water.

## 10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Protect from light, moisture and heat.
Hazardous combustion or decomposition products:	Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides, sulphur oxides.
Hazardous polymerisation:	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Health Effects

Acute:	Exposure to rifampicin and/or trimethoprim can cause nausea, headache and vomiting. Exposure to rifampicin can cause anorexia and influenza-like syndrome. Other effects may include drowsiness, allergic rhinitis, conjunctivitis and skin rash. Exposure to polymixin B can cause stomach pains, vomiting and diarrhea.
Swallowed:	Rifampicin, trimethoprim and/or Polymixin B are harmful if swallowed.
Eye:	Rifampicin and/or Polymixin B can cause eye irritation. Trimethoprim is harmful if absorbed through the eye.
Skin:	Rifampicin, trimethoprim and/or Polymixin B may cause allergic skin reaction. Rifampicin, trimethoprim and/or Polymixin B are harmful if absorbed through the skin.
Inhaled:	Rifampicin and/or Polymixin B are irritating to the mucous membranes and upper respiratory tract. Rifampicin, trimethoprim and/or Polymixin B are harmful if inhaled.
Chronic:	Rifampicin is a possible teratogen. Overexposure may cause reproductive disorders based on tests on laboratory animals. This product is, or contains, a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. The target organs are the liver, kidneys and blood. Exposure to and / or consumption of alcohol may increase toxic effects.

Trimethoprim may cause congenital malformation in the fetus. Trimethoprim is a possible mutagen with the target organ being bone marrow.

Polymixin B Sulfate: To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated

## 12. ECOLOGICAL INFORMATION

Data not yet available.

## 13. DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all Federal, State and Local environmental regulations.

## 14. TRANSPORT INFORMATION

Each fibreboard outer package contains 10 glass vials held within a plastic inner receptacle. Each vial contains less than 0.5g of Class 6.1 solid material. This may provide exemption from dangerous good regulations. Carriers must check with local regulations to ensure that they comply.

## 15. REGULATORY INFORMATION

European Information:

### Trimethoprim

TOXIC

May cause harm to the unborn child	R61
Toxic by inhalation, in contact with skin and if swallowed	R23/24/25
May cause sensitisation by skin contact	R43

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).	S45
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Wear suitable protective clothing, gloves and eye/face protection	S36/37/39
Do not breathe dust	S22

### Rifampicin

Toxic

May impair fertility	R60
May cause harm to the unborn child	R63
Toxic by inhalation, in contact with skin and if swallowed	R20/21/22
Irritating to eyes, respiratory system and skin	R36/37/38

AVOID EXPOSURE & OBTAIN SPECIAL INSTRUCTIONS BEFORE USE	S53
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In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S45  
Wear suitable protective clothing, gloves and eye/face protection S36/37/39  
Do not breathe dust S22

**Polymixin B Sulfate**

Harmful  
Harmful if swallowed R22  
Wear suitable protective clothing S36

Reviews, Standards and Regulations

**Trimethoprim**

OEL = MAK  
NOES 1983: HZD X4630; NIS 4; TNF 918; NOS 9; TNE 21309; TFE 16105  
EPA GENETOX PROGRAM 1988, POSITIVE: N CRASSA-ANEUPLOIDY

**Rifampicin**

OEL = MAK  
IARC CANCER REVIEW: ANIMAL LIMITED EVIDENCE IMEMDT 24,243, 1980  
IARC CANCER REVIEW: HUMAN NO ADEQUATE DATA IMEMDT 24, 243, 1980  
IARC CANCER REVIEW: GROUP 3 IMSUDL 7, 56, 1987  
NOES 1983: HZD X4630; NIS 4; TNF 918; NOS 9; TNE 21309; TFE 16105

**Polymixin B Sulfate**

OEL = MAK  
NOES 1974: HZD 81938; NIS 4; TNF 152; NOS 6; TNE 967  
NOES 1983: HZD X9499; NIS 1; TNF 383; NOS 1; TNE 1149  
NOES 1983, HZD X81938; NIS 19; TNF 1842; NOS 18; TNE 173376; TFE 145041

**16. OTHER INFORMATION**

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. TECRA® International shall not be held liable for any damage resulting from handling or from contact with the above product. See TECRA® International Standard Terms and Conditions of Sale for additional information.

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