

Material Safety Data Sheet

Not classified as Hazardous according to criteria of Worksafe Australia
Not classified as Hazardous according to Occupational Safety and Health Administration's (OSHA)
Communication Standard , 29 CFR 1910.1200

Microprotein - Pyrogallol Red

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

THERMO TRACE LTD
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189 - 199 Browns Rd
NOBLE PARK VIC 3174
AUSTRALIA
Tel: +61 3 9790 4100
Fax: +61 3 9790 4155
E-mail: trace@thermotrace.com.au

THERMO DMA
331 South 104th Street
LOUISVILLE, CO 80027
U.S.A

Tel: (303) 581 6428
Fax: (303) 581 6429
E-mail: inquiries@thermodma.com

Product Name: Microprotein – Pyrogallol Red

Catalog Numbers: 1715-250, 1715-150H

Use: This reagent is intended for the in vitro quantitative determination of protein in urine and CSF for both manual and automated systems.

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Poison Schedule: None allocated

Contact Point

Australia

Quality Assurance Manager:
Tel: +61 3 9790 4100
Mon – Fri 9:00am to 5:00pm

U.S.A

Chemtel
24 Hour Emergency Assistance
1-800-255-3924

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
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All ingredients in this product are not hazardous according to the criteria of Worksafe Australia and OSHA
Communication Standard 29 CFR 1910.1200.

3. HAZARD IDENTIFICATION

Not Classified as hazardous according to the criteria of Worksafe Australia and OSHA Communication Standard 29 CFR 1910.1200.

Hazard Category: None allocated

ACUTE HEALTH EFFECTS

Swallowed:

May cause irritation to mouth, throat and stomach, which may lead to nausea, vomiting and diarrhoea.

Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin:

May cause irritation to the skin, with effects including; Redness and itchiness.

Inhaled:

May cause irritation to the mouth, throat and upper respiratory system.

Chronic:

Prolonged eye exposure may cause injury.

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4. FIRST AID MEASURES

Swallowed:

If swallowed, **DO NOT** induce vomiting. If conscious, give 1 to 2 glasses of water to drink. Seek immediate medical assistance.

Eye:

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eye lids are held open. If irritation persists transport to hospital or doctor.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.

Inhaled:

Move victim to fresh air. Apply resuscitation if victim is not breathing.

First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting oxides of carbon and minor quantities of chlorine entities.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

Flammability

This material is not a combustible or flammable liquid.

6. ACCIDENTAL RELEASE MEASURES

Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using vermiculite - to prevent run off into drains and waterways. Place absorbent (vermiculite or other inert material) onto spill. Collect and seal in properly labeled containers for disposal. Remainder of material on floor can be neutralized by cautiously adding sodium bicarbonate or soda ash. Collect this material after foaming/effervescence ceases and place into above labeled container.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from caustics or alkaline materials. Keep containers closed, when not using the product. Store at 2-8°C and the reagent will be stable until the expiry date stated on the bottle and kit box labels. Store in original packages as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

The National Occupational Health & Safety Commission (NOHSC) has not assigned any exposure standards for this product or for any of the components:

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION (cont)

Engineering Controls

Maintain adequate ventilation at all times. No other measures are required for this product.

Personal Protection Equipment

GLOVES: Natural rubber or neoprene.

EYES: Spectacles with side shields or if splashing is likely the use of goggles is recommended.

RESPIRATORY PROTECTION: Avoid breathing of vapours. The use of a respirator is not normally required, however, if entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended. Select and use respirators in accordance with AS/NZS 1715/1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, red liquid with a bland odour.

Boiling Point: Not available.

Melting Point: Not available.

Vapour Pressure: Not available.

Specific Gravity: Not available.

Flash Point: Not applicable.

Flammability Limits: Not applicable.

Solubility in Water: Soluble.

Other Properties

pH: 2.60 ± 0.1 @ 19 - 22°C (at use concentrations)

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Decomposes on heating emitting oxides of carbon and minor quantities of chlorine entities.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Strong alkalis.

CONDITIONS TO AVOID:

Generation of mists.

11. TOXICOLOGICAL INFORMATION

There is no toxicological information available for this product, the following is expected:

Oral LD50(rat): > 5,000 mg/kg

Dermal LD50(rabbit): > 5,000 mg/kg

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12. ECOLOGICAL INFORMATION

Aquatic toxicity: Data not available.

Persistency: Data not available.

Biological oxygen demand (BOD): Data not available.

Food chain concentration potential: Data not available.

Avoid contaminating waterways, drains or sewers.

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Normally suitable for disposal by approved waste disposal agent.

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT(US), ICAO(IATA) or IMO(IMDG).

15. REGULATORY INFORMATION

Poison Schedule: None allocated

RISK PHRASES

None allocated

SAFETY PHRASES

S23 Do not breathe mist.

S24/25 Avoid contact with skin and eyes.

16. OTHER INFORMATION

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Disclaimer

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions which are available on request.

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