

# Material Safety Data Sheet

## erCRP Calibrator Set

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** erCRP Calibrator Set.

**Catalog Numbers:** TR83201.

**Use:** Component of N-geneous Wide Range CRP Assay and Calibrator Set. For use in the calibration of the N-geneous Wide Range CRP (C-Reactive Protein) Assay. For in Vitro Diagnostic Use Only.

Thermo Fisher Scientific  
189 - 199 Browns Rd  
NOBLE PARK VIC 3174  
AUSTRALIA

Tel: +61 3 9790 4100

Fax: +61 3 9790 4155

E-mail: [info.clinicalchemistry@thermofisher.com](mailto:info.clinicalchemistry@thermofisher.com)

Thermo Fisher Scientific  
171 Industry Drive  
Pittsburgh, PA, 15275  
U.S.A

Tel: (800) 558 9115

Fax: (412) 788 6833

E-mail: [info.clinicalchemistry@thermofisher.com](mailto:info.clinicalchemistry@thermofisher.com)

#### 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. HAZARD IDENTIFICATION

Not classified as hazardous according to the ASCC/NOHSC/EU criteria

**Hazard Classification:** NON-HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

**Hazard Category:** None allocated.

#### RISK PHRASES

None allocated.

#### SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.

**Poison Schedule:** None allocated [Aust].

**Warning Statement:** The human serum in this preparation was tested by FDA-approved methods and found to be negative for the presence of hepatitis B virus surface antigen (HBsAg), human immunodeficiency virus (HIV) 1 & 2 and hepatitis C virus (HCV). However, because no test method can provide complete assurance that infectious agents are absent, this product should be handled as a potentially biohazardous material in accordance with Universal/Standard Precautions.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
HUMAN SERUM	> 99 %	Mixture
SODIUM AZIDE (BELOW EU LIMITS)	< 0.1%	26628-22-8
NON HAZARDOUS INGREDIENTS	Balance	Mixture

All other ingredients determined not to be hazardous according to the ASCC/NOHSC/EU criteria.

### 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 product enters the eyes, flush with plenty of water for at least 15 minutes, ensuring eye lids are held open. If irritation develops or persists, immediately transport to hospital or doctor.

# Material Safety Data Sheet

## erCRP Calibrator Set

### 4. FIRST AID MEASURES

**Skin:**

If product contacts 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

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

**Hazards From Combustion Products:** Decomposes on heating emitting indeterminate decomposition products.

**Precautions for Fire Fighters and Special Protective Equipment:** If safe to do so, move undamaged containers from fire area. 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.

**Hazchem Code:** None allocated.

**Flammability:** This material is not a flammable or combustible liquid.

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures**

Keep unnecessary people away. Isolate hazard area and deny entry. If product spills onto floors it will represent a slip hazard, walk cautiously. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS.

**Methods and Materials for Containment and Cleanup Procedures**

Carefully soak up spilled liquid with a non-combustible absorbent. Scoop up spilled material and transfer to an appropriately labelled container for disposal. After material pickup is complete, wipe spill site with water-moistened paper towels to remove any remaining material. Discard towels with the spilled waste. Disinfect the spill site with a freshly prepared 10% sodium hypochlorite bleach solution allowing sufficient contact time (30 minutes) before wiping up. Dispose of spilled material and contaminated waste in accordance with all applicable federal, state and local environmental regulations, for further information on waste disposal please refer to Section 13 (Disposal considerations).

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

Provide adequate ventilation. Avoid generating vapours.

**Conditions for Safe Storage**

Keep containers tightly closed in a cool place and out of direct sunlight. The recommended storage temperature at the time of MSDS preparation/revision is: Store at 2 to 8°C. **Do not freeze.** Do not store with incompatible substances or under avoidable conditions identified in Section 10 (Stability and Reactivity). Store in original packaging as approved by manufacturer.

# Material Safety Data Sheet

## erCRP Calibrator Set

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Standards

No exposure standards have been assigned by (NOHSC) for this product or any of the components.

#### Engineering Controls

Maintain adequate ventilation at all times. Preparation and handling of this material should be performed in accordance with Universal/Standard Precautions. Facilities storing or utilizing this preparation should be equipped with an eye wash station and safety shower.

#### Personal Protection Equipment

**Gloves:** Medical grade nitrile gloves are recommended for incidental handling. Change gloves regularly or immediately if they are contaminated, torn or punctured.

**Eyes:** Chemical glasses or face shield for spills.

**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:** Yellow brown liquid with no odour.

**Boiling Point:** Not available

**Freezing Point:** Not available

**Vapour Pressure:** Not available

**Specific Gravity:** Not available

**Flash Point:** Not applicable

**Flammability Limits:** Not applicable

**Solubility in Water:** Completely miscible

#### Other Properties

**pH:** Not available

### 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions of use.

**Conditions to Avoid:** Do not freeze. Avoid prolonged exposure to direct sunlight.

**Incompatible Materials:** Avoid strong oxidizer, strong acids and bases, heavy metals and their salts.

**Hazardous Decomposition Products:** Decomposes on heating emitting indeterminate decomposition products.

**Hazardous Reactions:** Will not occur.

### 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

#### Acute Health Effects

**Swallowed:** Drinking large quantities of this product, may cause irritation to mouth, throat and stomach, which may lead to nausea, vomiting and diarrhoea.

**Eye:** May cause mild irritation to the eyes, with effects including: tearing and blurred vision. These effects are anticipated to be of a short acting nature and no long term injury is envisaged.

**Skin:** May cause mild irritation to the skin.

**Inhaled:** May cause mild irritation to the respiratory system.

**Chronic:** Data indicating the presence or absence of chronic effects from repeated or long-term occupational exposure to this preparation is not yet available. Prolonged or repeated skin contact may cause dermatitis.

# Material Safety Data Sheet

## erCRP Calibrator Set

### 12. ECOLOGICAL INFORMATION

No ecological information available for this product. Do not dispose of large quantities to 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.

**Road and Rail Transport:**

Not classified as a Dangerous Good according to the United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the Classification and Labeling of Chemicals.

**Air Transport:**

Not classified as a Dangerous Good according to the International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**Marine Transport:**

Not classified as a Dangerous Good according to the International Maritime Organization Rules (Maritime Dangerous Goods Code - IMDG Code) for transport by sea.

### 15. REGULATORY INFORMATION

**Poison Schedule:** None allocated [Aust].

**Inventory Status:**

Australia (AICS)	Y
United States (TSCA)	Y
Canada (DSL)	Y
Europe (EINECS/ELINCS)	Y

Y = all ingredients are on the inventory.

If approved for European Communities use, this product is regulated under the In Vitro Diagnostic Medical Devices Directive (98/79/EC).

### 16. OTHER INFORMATION

Issue date: May, 2007.

**Key Legend Information**

NOHSC - National Occupational Health & Safety Commission [Aust]

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons {Poison Schedule} [Aust]

TWA - Time Weighted Average [Int]

STEL - Short Term Exposure Limit [Int]

AICS - Australian Inventory of Chemical Substances [Aust]

EPA - Environmental Protection Agency [Int]

NIOSH - National Institute for Occupational Safety and Health [US]

AS/NZS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. [Aust]

AS/NZS 1716 - Respiratory Protective Devices. [Aust]

Hazchem Code - Fire Fighter Designation [Aust]

# Material Safety Data Sheet

## erCRP Calibrator Set

### 16. OTHER INFORMATION

IATA - International Aviation Transport Authority [Int]

ICAO - International Civil Aviation Organization [Int]

IMO - International Maritime Organisation. [Int]

IMDG - International Maritime Dangerous Goods [Int]

United Nations Recommendations for the Transport of Dangerous Goods and Globally Harmonized System for the Classification and Labeling of Chemicals. [Int]

EU - European Union

TSCA - Toxic Substances Control Act [US]

DSL - Domestic Chemical List [Can]

EINECS - European Inventory of Existing Commercial Chemical Substances [Int]

ELINCS - Existing List of Notified Chemical Substances. [Int]

[Aust] = Australia

[Int] = International

[US] = United States of America

[Can] = Canada

#### Principal References

Information supplied by manufacturer, reference sources including the public domain.

#### 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.

© 2005-2007 Thermo Fisher Scientific. All rights reserved.

License granted to make unlimited paper copies for internal use only.

**END OF MSDS**