

SECTION 1: Identification of the substance/mixture and of the company/undertaking**Identification of the substance or mixture**

Product code PA186651
Product name Complement C3c Antibody, HRP conjugate

Company/undertaking identification

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1800 636 327 (Australia)
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866-536-0631 (US)
301-431-8585 (US)
++1-301-431-8585 (Outside of the U.S.)

Country specific Emergency Number (if available):

CHEMTREC Israel (Tel Aviv)	+(972)-37630639 (Greeting Language: Hebrew)
CHEMTREC Malaysia	1-800-815-308 (Toll Free) (Greeting Language: Malay)
CHEMTREC Malaysia (Kuala Lumpur)	+(60)-327884561 (Greeting Language: Malay)
CHEMTREC Philippines	1-800-1-116-1020 (Toll Free) (Greeting Language: Tagalog)
CHEMTREC Philippines (Manila)	+(63) 632-395-3308 (Greeting Language: Tagalog)
CHEMTREC Saudi Arabia	+(966)-8111095861 (Greeting Language: Arabic and English)
CHEMTREC Singapore	800-101-2201 (Toll Free) (Greeting Language: English and Mandarin)
CHEMTREC Singapore	+(65)-31581349 (Greeting Language: English and Mandarin)
CHEMTREC Australia (Sydney)	+(61)-290372994 (Greeting Language: English)
CHEMTREC New Zealand (Auckland)	+(64)-98010034 (Greeting Language: English)
CHEMTREC South Africa	0-800-983-611 (Greeting Language: English)

Use as laboratory reagent. Scientific research and development.

SECTION 2: Hazards identification

Australian MSDS Statement Classified as non-hazardous according to the criteria of Worksafe Australia.

GHS - Classification

Signal word

None

Health hazards

Not classified

Physical hazards

Not classified

hazard statements

Not applicable

Precautionary Statements

Not applicable

Principle Routes of Exposure/

Potential Health effects

eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	May be harmful by inhalation.
INGESTION	May be harmful if swallowed.

Specific effects

Carcinogenic effects	None.
Mutagenic effects	None.
Reproductive toxicity	None.
Sensitisation	None.

Revision date 18-Dec-2015
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SECTION 3: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4: First aid measures

Skin contact	Rinse cautiously with water for several minutes. Immediate medical attention is not required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
INGESTION	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Most important symptoms and effects, both acute and delayed	Not applicable
Notes to Physician	Treat symptomatically.

SECTION 5: Firefighting measures

Suitable extinguishing media	Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical.
Special protective equipment for firefighters	Standard procedure for chemical fires.
Specific hazards arising from the chemical	Not known

SECTION 6: Accidental release measures

Personal precautions	Always wear recommended Personal Protective Equipment. Use personal protection equipment.
Methods for cleaning up	Soak up with inert absorbent material.
<u>Environmental precautions</u>	
No special environmental precautions required.	
See Section 12 for more information.	

SECTION 7: Handling and storage

Handling	Always wear recommended Personal Protective Equipment. Wear personal protective equipment.
Storage	Keep in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection

Exposure Limits

We are not aware of any national exposure limit.

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand Protection

Impervious gloves.

Eye protection

Safety glasses with side-shields.

Skin and body protection

Lightweight protective clothing.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

No special environmental precautions required.

SECTION 9: Physical and chemical properties**General information**

Form	liquid	
Appearance	no data available	
Odour	no data available	
Odour Threshold	no data available	
Boiling point / boiling range	°C no data available	°F no data available
Melting point / melting range	°C no data available	°F no data available
flash point	°C no data available	°F no data available
Autoignition temperature	°C no data available	°F no data available
Evaporation rate	no data available	
Flammability (solid, gas)	no data available	
Oxidising properties	no data available	
Water solubility	no data available	
Upper explosion limit	no data available	
Lower explosion limit	no data available	
Partition coefficient: n-octanol/water	no data available	
Vapour Pressure	no data available	
vapour density	no data available	
Viscosity	no data available	
pH value	6-8	

SECTION 10: Stability and reactivity**Stability**

Stable under normal conditions.

Materials to avoid

No dangerous reaction known under conditions of normal use.

Possibility of hazardous

Hazardous reaction has not been reported

reactions

Hazardous decomposition products None under normal use conditions.

polymerisation Hazardous polymerisation does not occur.

Conditions to avoid None under normal processing.

SECTION 11: Toxicological information

Acute toxicity

No toxicology information is available.

Principle Routes of Exposure/ Potential Health effects

eyes	May cause eye irritation with susceptible persons.
Skin	May cause skin irritation in susceptible persons.
Inhalation	May be harmful by inhalation.
INGESTION	May be harmful if swallowed.
Carcinogenic effects	None.
Mutagenic effects	None.
Reproductive toxicity	None.
Sensitisation	None.

SECTION 12: Ecological information

Ecotoxicity	Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.
Mobility	No information available.
Biodegradation	Inherently biodegradable.
Bioaccumulation	Material does not bioaccumulate.

SECTION 13: Disposal considerations

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport information

IATA

Proper Shipping Name	Not classified as dangerous in the meaning of transport regulations.
Hazard Class	None
Subsidiary class	None
Packing group	None
UN-No	None

SECTION 15: Regulatory information

International Inventories

No information available.

Korea

This product complies with applicable Korean chemical regulations.

Taiwan

This product complies with applicable Taiwan chemical regulations

China

This product complies with applicable China chemical regulations

SECTION 16: Other information

Reason for revision

SDS sections updated.

Use as laboratory reagent. Scientific research and development.

References

- ECHA: <http://echa.europa.eu/>
- TOXNET: <http://toxnet.nlm.nih.gov/>
- eChemPortal: <http://www.echemportal.org/>
- LOLI database

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PUPOSE"

End of Safety Data Sheet