

Material Safety Data Sheet

Australia
English

1. Chemical product and company identification

Product name **Ficoll-Paque™ PLUS, 500 ml**

Catalogue Number **17-1440-03**



Statement of hazardous nature

Not classified as hazardous according to the criteria of NOHSC **nor classified as dangerous goods** according to the ADG Code.

Company details

Manufacturer

Amersham Biosciences AB
SE-751 84 Uppsala
Sweden
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a GE Healthcare company

Supplier

Amersham Biosciences Pty Ltd
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Uses

Area of application Industrial applications.
Material uses Analytical chemistry. Research.

2. Composition/information on ingredients

Mixture Preparation

<u>Chemical name</u>	<u>CAS number</u>	<u>% by weight</u>
Diatrizoic acid, dihydrate	50978-11-5	10 - 15
Ficoll 400	26873-85-8	5 - 10

Other ingredients, determined not to be hazardous according to NOHSC criteria, make up the product concentration to 100%.

3. Hazards identification

Emergency overview

Appearance Liquid.
Odour Odourless.

Dangerous goods classification (ADG Code)

Not regulated as Dangerous Goods according to the ADG Code

Potential acute health effects

Skin Contact Irritation of the product in case of skin contact: Not available. Sensitisation of the product: Not available.

Eye contact Slightly hazardous in case of eye contact (irritant).

Potential chronic health effects Repeated or prolonged exposure is not known to aggravate medical condition.

4. First aid measures

First aid measures:

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

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



Eye contact	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. Cold water may be used. Get medical attention if irritation occurs.
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5. Fire-fighting measures

Special fire-fighting procedures	Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.
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6. Accidental release measures

Personal Precautions	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Environmental precautions and clean-up methods	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. Handling and storage

Handling	Do not breathe gas/fumes/vapour/spray. Keep away from incompatibles such as oxidising agents.
Storage	Keep container tightly closed. Store between 4 to 25°C (39.2 to 77°F).
Packaging materials	
Recommended use	Use original container.

8. Exposure controls/personal protection

NOHSC have not established exposure standards for this product

Hygiene measures	Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.
Personal protective equipment	
Skin and body	Lab coat.
Hands	Impervious gloves.
Eyes	Safety glasses.
Notes	Respiratory protection should conform to AS/NZS 1715 and AS/NZS 1716. Eye protectors should conform to AS/NZS 1336 and AS/NZS 1337. Chemically resistant gloves should conform to AS/NZS 2161.1. Protective clothing should conform to AS 3765.1 or AS 3765.2. Occupational footwear should conform to AS/NZS 2210.

9. Physical and chemical properties

Physical state	Liquid.
Colour	Colourless.
Odour	Odourless.
Boiling point	The lowest known value is 100°C (212°F) (water).
Melting point	May start to solidify at 0°C (32°F) based on data for: water.
Vapor pressure	The highest known value is 3.2 kPa (23.8 mm Hg) (at 20°C) (water).
Density	1.076 to 1.078 g/cm ³
Explosive properties	Not considered as a product presenting risks of explosion.
pH	4.5 - 7.5
Evaporation rate (butyl acetate = 1)	0.36 (water) compared to Butyl acetate.
Solubility	Easily soluble in cold water, hot water, methanol, acetone. Very slightly soluble in diethyl ether, n-octanol.

10. Stability and reactivity

Stability	The product is stable.
Materials to avoid	Reactive with oxidising agents. Slightly reactive to reactive with reducing agents.

11. Toxicological information

Local effects	
Eye irritation	Slightly hazardous in case of eye contact (irritant).
Carcinogenic effects	Not available.
Mutagenic effects	Not available.



12. Ecological information

13. Disposal considerations

Methods of disposal ; Waste of residues ; Contaminated packaging All waste must be disposed of in accordance with Local Authority, State Pollution Control Commission, EPA or Metropolitan Waste Disposal Authority requirements.


14. Transport information

International transport regulations

Not classified.

15. Regulatory information

Hazard symbol(s)

Australian Inventory Status  Australia (NICNAS): Diatrizoic acid, dihydrate; water; Ethylenediaminetetraacetic acid disodium calcium salt

16. Other information

History

Date of printing	16 March 2005	Date of previous issue	28 December 2004
Date of issue	16 March 2005	Version	2.02



Indicates information that has changed from previously issued version.

Enquiries regarding MSDS Content should be directed to: our local sales office.

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