


RIDGEWAY SCIENCE
Heataid
 PROGESTERONE HEAT DETECTION TEST

SAFETY DATA SHEET

Heataid Bottle A

According to Regulation (EC) No 1907/2006

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	Heataid Bottle A
SUPPLIER	Ridgeway Science; a division of Ridgeway Research Ltd Park Lane St Briavels Lydney Gloucestershire GL15 6QX United Kingdom T: +44 (0)1594 530 809 F: +44 (0)1594 530 767
APPLICATION	Labelled Progesterone for ELISA and Liquid Preservative in assay wells.
CONTACT PERSON	enquiries@ridgewayscience.co.uk
EMERGENCY TELEPHONE	+44 (0)1594 530 809 (Mon - Fri 09:00-17:00)

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
WATER	231-791-2	7732-18-5	97%	-
SODIUM PHOSPHATE, DIBASIC DODECAHYDRATE	231-448-7	10039-32-4	1.3%	-
SODIUM CHLORIDE	231-598-3	7647-14-5	1%	-
GELATIN	232-554-6	9000-70-8	0.1%	-
THIOMERSAL	200-210-4	54-64-8	0.01%	T+;R26/27/28. N;R50/53. R33.
SODIUM PHOSPHATE MONOBASIC MONOHYDRATE	231-449-2	10049-21-5	0.2%	-

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Unlikely route of exposure as the product does not contain volatile substances. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Rinse nose, mouth and throat with water. Do not induce vomiting. Never give liquid to an unconscious person. Get medical attention.

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SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses.

SPILL CLEAN UP METHODS

Absorb spillage with non-combustible, absorbent material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in a cool place at temperatures between 4-10°C Keep containers tightly closed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. Avoid forming spray/aerosol mists.

HAND PROTECTION

Wear protective gloves.

EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash contaminated clothing before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Clear liquid

COLOUR

Colourless

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SOLUBILITY Miscible with water
 pH-VALUE, CONC. SOLUTION pH 7 at 10g/l at 20°C

10 STABILITY AND REACTIVITY

STABILITY
 Stable under normal temperature conditions and recommended use.
 HAZARDOUS DECOMPOSITION PRODUCTS
 Fire creates: Oxides of: Carbon. Sulphur. Mercury

11 TOXICOLOGICAL INFORMATION

INHALATION
 Unlikely route of exposure as the product does not contain volatile substances.
 INGESTION
 May cause stomach pain or vomiting.
 SKIN CONTACT
 Liquid may irritate skin.
 EYE CONTACT
 Splashes may irritate.

Name	THIOMERSAL
Toxic Dose 1 - LD 50	75 mg/kg (oral rat)
Toxic Dose 2 - LD 50	98 mg/kg (subcutaneous-rat)

12 ECOLOGICAL INFORMATION

ECOTOXICITY
 Not regarded as dangerous for the environment.

Name	THIOMERSAL
Acute Fish Toxicity	
LC50 - Oncorhynchus mykiss (rainbow trout) -	21.2 mg/l - 48.0 h

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
 Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
 DISPOSAL METHODS
 Do not allow runoff to sewer, waterway or ground. Recover and reclaim or recycle, if practical.

14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).		
ADR CLASS	Not classified for transportation.	HAZCHEM CODE	None

15 REGULATORY INFORMATION

RISK PHRASES	NC	Not classified.
SAFETY PHRASES	NC	Not classified.

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EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

16 OTHER INFORMATION

REVISION DATE 24/05/2010

RISK PHRASES IN FULL

R33	Danger of cumulative effects.
NC	Not classified.
R26/27/28	Very toxic by inhalation, in contact with skin and if swallowed.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.