


RIDGEWAY SCIENCE
Heataid
 PROGESTERONE HEAT DETECTION TEST

SAFETY DATA SHEET

Heataid Bottle B

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME	Heataid Bottle B
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APPLICATION	Substrate for ELISA
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2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes. Harmful: danger of serious damage to health by prolonged exposure if swallowed.
 CLASSIFICATION (1999/45) Xn;R48/22. Xi;R41.

HUMAN HEALTH

Splashes may cause serious eye damage. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
WATER	231-791-2	7732-18-5	89%	-
DIETHANOLAMINE	203-868-0	111-42-2	10%	Xn;R22,R48/22 Xi;R38,R41
THIOMERSAL	200-210-4	54-64-8	0.01%	T+;R26/27/28. N;R50/53. R33.
MAGNESIUM CHLORIDE HEXAHYDRATE	232-094-6	7791-18-6	0.01%	-
PMP SUBSTRATE	238-884-7	14815-59-9	0.01%	Xi;R36/37/38.

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 immediately!

Heataid Bottle B

SKIN CONTACT

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

EYE CONTACT

Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention immediately. Continue to rinse.

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 eyes.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. Absorb with inert, damp, non-combustible material, then flush area with water. 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. Provide eyewash station.

STORAGE PRECAUTIONS

Store in a cool place. Keep containers tightly closed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

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 splash-proof eye goggles to prevent any possibility of eye contact.

HYGIENE MEASURES

Wash hands after handling. Promptly remove any clothing that becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

Heataid Bottle B

APPEARANCE	Liquid
COLOUR	Yellow
SOLUBILITY	Miscible with water
pH-VALUE, CONC. SOLUTION	9.8 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. Nitrogen. Mercury

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system.

INGESTION

Harmful: danger of serious damage to health by prolonged exposure if swallowed. May cause stomach pain or vomiting.

SKIN CONTACT

Liquid may irritate skin.

EYE CONTACT

Risk of serious damage to eyes. Extreme irritation of eyes and mucous membranes, including burning and tearing.

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

The product is not expected to be hazardous to 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

LABELLING

Heataid Bottle B



Harmful

CONTAINS

DIETHANOLAMINE

RISK PHRASES

R41 Risk of serious damage to eyes.
 R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

SAFETY PHRASES

S25 Avoid contact with eyes.
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S36/39 Wear suitable protective clothing and eye/face protection.
 S60 This material and its container must be disposed of as hazardous waste.

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.
 R22 Harmful if swallowed.
 R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
 R36/37/38 Irritating to eyes, respiratory system and skin.
 R38 Irritating to skin.
 NC Not classified.
 R41 Risk of serious damage to eyes.
 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.