## **GE** Healthcare

# **Material Safety Data Sheet**

Australia English

1. Identification of the material and supplier

Product name Lyophilized Standard; part of 'IL-1β, Rat, Biotrak™

Assay'

Catalogue Number RPN2743

Component Number RPN2743SA

Company details

Manufacturer Supplier

GE Healthcare UK Ltd GE Healthcare Bio-Sciences
Amersham Place Building 4B, Parklands Estate
Little Chalfont 21 South Street
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ADG -

<u>Uses</u>

Area of applicationIndustrial applications.Material usesAnalytical chemistry. Research.

Product type Solid

2. Hazards identification

Classification Not regulated.

Risk phrases Not classified.

Statement of hazardous/dangerous nature

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

3. Composition/information on ingredients

**Mixture** No

Additional information

Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

### 4. First-aid measures

First-aid measures

**Eye contact** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for

and remove any contact lenses. Get medical attention if irritation occurs.

**Skin contact** Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical

attention if symptoms occur.

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention

if symptoms occur.

**Ingestion** Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for

breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical

attention if symptoms occur.



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No action shall be taken involving any personal risk or without suitable training. Protection of first-aiders

### Fire-fighting measures 5.

Extinguishing media

Suitable Use an extinguishing agent suitable for the surrounding fire.

Not suitable None known.

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No Special exposure hazards

action shall be taken involving any personal risk or without suitable training.

No specific fire or explosion hazard.

Special protective equipment for

fire-fighters

Hazardous combustion products

Methods for cleaning up

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus

(SCBA) with a full face-piece operated in positive pressure mode.

No specific data.

#### 6. Accidental release measures

Personal precautions No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding

areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt

material. Put on appropriate personal protective equipment (see Section 8).

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform **Environmental precautions** the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

> Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a

licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13

Small spill Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste

container. Dispose of via a licensed waste disposal contractor.

#### 7. Handling and storage

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be Handling

prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment

recommended or statutory limits.

Store in accordance with local regulations. Store in original container protected from direct sunlight in a Storage

dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures

No special ventilation requirements. Good general ventilation should be sufficient to control worker

exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that

appropriate containment to avoid environmental contamination.

and/or the necessity to use respiratory protective equipment.

#### 8. Exposure controls/personal protection

Occupational exposure limits No exposure standard allocated.

Recommended monitoring

procedures

**Engineering measures** 

Hygiene measures

Personal protection

Hands

Skin

Safety eyewear complying with an approved standard should be used when a risk assessment indicates Eyes this is necessary to avoid exposure to liquid splashes, mists or dusts.

eyewash stations and safety showers are close to the workstation location.

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk Respiratory assessment indicates this is necessary. Respirator selection must be based on known or anticipated

exposure levels, the hazards of the product and the safe working limits of the selected respirator. Personal protective equipment for the body should be selected based on the task being performed and

the risks involved and should be approved by a specialist before handling this product.

Emissions from ventilation or work process equipment should be checked to ensure they comply with the **Environmental exposure controls** 

requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable

levels



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#### Physical and chemical properties 9.

Physical state

White to yellowish. Colour Odourless Odour

[Product does not sustain combustion.] Flash point

#### 10. Stability and reactivity

Stability The product is stable

#### 11. Toxicological information

### Potential acute health effects

No known significant effects or critical hazards. Inhalation No known significant effects or critical hazards. Ingestion No known significant effects or critical hazards. Skin contact No known significant effects or critical hazards. Eye contact

**Acute toxicity** 

Not available. Conclusion/Summary

Potential chronic health effects

Chronic toxicity

Not available Conclusion/Summary

Carcinogenicity

Not available Conclusion/Summary

**Mutagenicity** 

Conclusion/Summary Not available.

**Teratogenicity** 

Conclusion/Summary Not available.

Reproductive toxicity

Conclusion/Summary Not available.

Chronic effects No known significant effects or critical hazards. Carcinogenicity No known significant effects or critical hazards. Mutagenicity No known significant effects or critical hazards. **Teratogenicity** No known significant effects or critical hazards. No known significant effects or critical hazards. **Developmental effects** Fertility effects No known significant effects or critical hazards.

Over-exposure signs/symptoms

No specific data. Inhalation Ingestion No specific data. Skin No specific data. No specific data. Eyes

#### 12. **Ecological information**

**Environmental effects** No known significant effects or critical hazards.

Aquatic ecotoxicity

Not available. Conclusion/Summary

**Biodegradability** 

Not available. Conclusion/Summary

Other adverse effects No known significant effects or critical hazards.

#### 13. Disposal considerations

Methods of disposal The generation of waste should be avoided or minimised wherever possible. Empty containers or liners

may retain some product residues. This material and its container must be disposed of in a safe way. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil,

waterways, drains and sewers.



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### 14. Transport information

### International transport regulations

Not classified.

15. Regulatory information

### Standard for the Uniform Scheduling of Drugs and Poisons

Not regulated.

**Control of Scheduled Carcinogenic Substances** 

Ingredient name Schedule

Not available.

Australia inventory (AICS)

EU Classification

HCS Classification

Not regulated.

### 16. Other information

### **History**

 Date of printing
 07 June 2011
 Date of previous issue
 No previous validation

**Date of issue** 07 June 2011 **Version** 1

Indicates information that has changed from previously issued version.

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

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



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