GE Healthcare

Material Safety Data Sheet

Canada English

Section 1. Chemical product and company identification

Product name Immobiline™ DryStrip pH 3 - 5.6 NL, 11 cm

Catalogue Number 17-6003-54

9 0 1 7 6 0 0 3 5

Material uses Industrial applications: Analytical chemistry. Research.

Product type Solid

Validation date2 February 2012Print date02 February 2012SupplierGE Healthcare UK Ltd
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Little Chalfont Buckinghamshire HP7 9NA England

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In case of emergency US ChemTrec (US) 1-800-424-9300

Canada ChemTrec (US) 1-703-527-3887

2. Hazards identification

Physical state Solid. [Polyacrylamide Gel]

Odor Odorless.

Emergency overview No specific hazard.

NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED

INSTRUCTIONS FOR USE ARE FOLLOWED.

Precautionary measures

Routes of entry Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

EyesNo known significant effects or critical hazards.SkinNo known significant effects or critical hazards.InhalationNo known significant effects or critical hazards.IngestionNo known significant effects or critical hazards.

Potential chronic health effects

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.
Developmental effects
No known significant effects or critical hazards.
Fertility effects
No known significant effects or critical hazards.

Target organsNot available.InhalationNo specific data.IngestionNo specific data.SkinNo specific data.EyesNo specific data.Medical conditions aggravated byNone known.

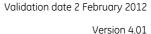
over-exposure

See toxicological information (Section 11)



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Composition/information on ingredients

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.

Section 4. First aid measures

Eye contact In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation

occurs.

Skin contactWash with soap and water. Get medical attention if symptoms appear.InhalationIf inhaled, remove to fresh air. Get medical attention if symptoms appear.

Ingestion Do not ingest. Get medical attention if symptoms appear.

Protection of first-aidersNo action shall be taken involving any personal risk or without suitable training.

Section 5. Fire-fighting measures

Flammability of the product No specific fire or explosion hazard.

Extinguishing media

SuitableUse an extinguishing agent suitable for the surrounding fire.

Not suitable None known

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

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

Special protective equipment for

fire-fighters

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

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

Section 6. Accidental release measures

Personal precautionsNo 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 spilled

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

Environmental precautionsAvoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform

the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

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, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste

disposal.

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

container. Dispose of via a licensed waste disposal contractor.

Section 7. Handling and storage

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

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

before entering eating areas.

Storage To not store above the following temperature: -20°C (-4°F). Store in accordance with local regulations.

Store in original container protected from direct sunlight in a 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 unlabeled containers. Use appropriate containment to avoid environmental

contamination.

Section 8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures

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 and/or the necessity to use respiratory protective equipment.

Engineering 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 recommended or statutory limits.

Hyaiene measures

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

Personal protection



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Respiratory A respirator is not needed under normal and intended conditions of product use.

Hands 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.

Eyes Safety eyewear complying with an approved standard should be used when a risk assessment indicates

this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin 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.

Environmental exposure

controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the 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.

Section 9. Physical and chemical properties

Physical state Solid. [Polyacrylamide Gel]

 Color
 Colorless.

 Odor
 Odorless.

 Volatility
 0% (w/w)

VOC \(\sqrt{\pi} \(\text{(w/w)} \) [ISO 11890-1]

Ionicity (in water) Non-ionic.

Solubility Insoluble in the following materials: cold water, hot water, methanol, diethyl ether, n-octanol and acetone.

Physical/chemical properties No additional remark

comments

insoluble in the following materials, cold water, not water, methanor, diethyr ether, n-octanor and decione

Section 10. Stability and reactivity

StabilityThe product is stable.Materials to avoidNo specific data.

Possibility of hazardous reactions
Inder normal conditions of storage and use, hazardous reactions will not occur.

Not considered to be a product presenting a risk of explosion.

Section 11. Toxicological information

Acute toxicity

Product/ingredient name Result Species Dose Exposure

Not available.

Conclusion/Summary Not available.

Classification

Product/ingredient name ACGIH IARC EPA NIOSH NTP OSHA

Not available.

Synergistic products Not available.

Section 12. Ecological information

Environmental effects No known significant effects or critical hazards.

Partition coefficient: n-

octanol/water

Not available

Bioconcentration factor

Not available.

Other adverse effects

No known significant effects or critical hazards.

Section 13. Disposal considerations

Waste disposal The generation of waste should be avoided or minimized wherever possible. 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. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil,

waterways, drains and sewers.

RCRA classification Not available.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.



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Section 14. Transport information

International transport regulations

Not classified.

Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Not controlled under WHMIS (Canada). WHMIS (Canada)

Canadian lists **CEPA Toxic substances**: None of the components are listed.

> Canadian ARET: None of the components are listed. Canadian NPRI: None of the components are listed.

Alberta Designated Substances: None of the components are listed. Ontario Designated Substances: None of the components are listed. Quebec Designated Substances: None of the components are listed.

Canada inventory All components are listed or exempted.

International regulations

International lists Australia inventory (AICS): All components are listed or exempted.

China inventory (IECSC): All components are listed or exempted. Japan inventory: All components are listed or exempted. Korea inventory: All components are listed or exempted.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

Chemical Weapons Convention List Schedule I Chemicals

Chemical Weapons Convention

List Schedule II Chemicals

Chemical Weapons Convention List Schedule III Chemicals

Not listed

Not listed

Not listed

Section 16. Other information

The customer is responsible for determining the PPE code for this material.



Indicates information that has changed from previously issued version.

History

02 February 2012 25 August 2008 Date of printing Date of previous issue

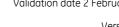
02 February 2012 4.01 Date of issue Version

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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