



Safety Data Sheet

Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

Creation Date: 31.10.2000

Revision Date: 14.08.2009

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1. Identification of Products

Product Name: Guardex Test Reagent No 3 Acid Alkalinity
Product Code: 20 35 633 003

Distributed by: Golden Coast Ltd | Fishleigh Road | Roundswell Commercial Park West | Barnstaple | Devon | EX31 3UA | Tel: 01271 378100 | e-mail: swimmer@goldenc.com

2. Composition

No hazardous materials are contained in this product.

3. Hazard Identification

Emergency Overview:

CAUTION: Harmful if swallowed. Avoid breathing vapours. Avoid contact with eyes, skin or clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Remove and wash contaminated clothing.

Effects of Overexposure:

Eye Contact:

CAUTION: Causes eye irritation. Avoid contact with eyes.

Skin Contact:

CAUTION: Causes skin irritation. Avoid contact with skin.

Inhalation:

Irritating to nose and throat. Avoid breathing vapours.

Ingestion:

Harmful if swallowed.

Chronic hazards:

There are no known chronic hazards.

Primary Routes of Entry:

Skin contact, inhalation, ingestion, eye contact.



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4. First Aid Measures

Skin contact:

Wash off excess chemical with soap and water and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention.

Ingestion:

Drink large amounts of water. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
Call a physician or poison control centre immediately.

Inhalation:

Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If not breathing, give artificial respiration. Call a physician immediately.

Eye contact:

Immediately flush with cold water for at least 15 minutes. Get immediate medical attention.



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5. Fire Fighting Measures

Flash point (method used):

None

Flammable limit:

LEL: N/A

UEL: N/A

Extinguishing media:

Water fog

Unusual fire and explosion hazard:

None known

Special fire-fighting precautions:

Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

6. Accidental Release Measures

Steps to be taken if material is spilled or released:

Utilising appropriate clothing and safety equipment, contain spilled material. Cover the liquid with an inert absorbent. Using clean, dedicated equipment, sweep and scoop all spilled material, contaminated soil and other contaminated material and place into clean dry plastic containers for disposal. Dispose of according to local and national regulations.



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7. Handling and Storage

Handling:

Use good laboratory practice in handling of this reagent.

Storage:

Keep this product in original closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Do not add any other product to container. Never return unused product to container; dispose of product in accordance with local and national regulations.

8. Exposure Controls / Personal Protection

Engineering controls:

General room ventilation plus local exhaust should be used to maintain exposure below TLV.

Skin protection:

Wear rubber gloves when handling this product. Avoid contact with skin.

Eye protection:

Wear goggles or safety glasses with side shields when handling this product.

Other protective equipment:

Facilities storing or utilising this material should be equipped with an eyewash and a safety shower.

Hygienic practices:

Remove and wash contaminated clothing before reuse.

Respiratory:

A respiratory protection programme that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.



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9. Physical and Chemical Properties

Appearance and odour:	Clear, colourless with chlorine odour
Vapour pressure:	Est. 17mm Hg
Vapour density (Air = 1):	Heavier than air
Solubility in water:	Miscible in water
Melting point:	N/A
Boiling point:	212F
pH:	>3.0 –
Specific gravity:	1.0
Viscosity:	Not available
Evaporation Rate (n-Butyl Acetate = 1):	Is slower than Butyl Acetate
Partition Coefficient (n-octanol/water):	Not available
Physical state:	Liquid

10. Stability and Reactivity

Stability:

Stable under normal conditions

Incompatibility (materials to avoid):

Avoid contact with water on concentrated material in the container. Avoid contact with easily oxidizable material. Inorganic reducing compounds.

Conditions to avoid:

High temperature. Poor ventilation. Contamination.

Hazardous Polymerization:

Will not occur under normal conditions.

Hazardous decomposition products:

Vapours/fumes of organic/inorganic materials plus oxides of carbon may be emitted.



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11. Toxicological Information

This product is not listed as a carcinogen by EPA, NTP or IARC. Toxicological information indicates this product may be irritating to skin and eyes.

12. Ecological Information

This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

13. Disposal Considerations

Do not put product, spilled product, or filled or partially filled containers into the waste or waste compactor. Contact with incompatible materials could cause a reaction or fire. Do not reuse container. Rinse thoroughly before discarding in waste. Disposal of unused, contaminated product is regulated according to local and national regulations.

14. Transport Information

Not available.



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15. Regulatory Information

OSHA (Occupational Safety and Health Act):

Product is not hazardous by definition of the Hazard Communication Standard

TSCA (Toxic Substance Control Act):

This product or its components are listed on the TSCA Inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States.

This product or its components are not subject to export notification.

FIFRA (Federal Insecticide, Fungicide, Rodenticide Act):

This product is not a registered pesticide.

CERCLA (Comprehensive Response, Compensation and Liability Act):

This product or its components are not listed.

SARA (Superfund Amendments and Reauthorization Act):

Hydrochloric acid

TPQ 500 lbs

RQ 5000 lbs



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16. Other Information

NFPA:

Health: 1

Flammability: 1

Reactivity: 1

HMIS:

Health: 1

Flammability: 1

Reactivity: 1

Personal Protection: B

Note:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations, or other health and safety legislation.