



MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTITY

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|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Name Quo-Test System | Address Unit 3B, Russell House, Molesey Rd, Walton-on-Thames, Surrey, KT12 3PE, UK. |
| | Telephone Number 44 (0)1932 220124 |
| Common Name (used on label) Quo-Test A1C Test Cartridge | Chemical Family Does not apply |
| Chemical Name Does not apply | Formula Does not apply |
| Trade Name and Synonyms Quo-Test (Trademark of Quotient Diagnostics) | |

SECTION 2 – HAZARDOUS INGREDIENTS

| Hazardous Component | % (wt) | CAS # | EC # |
|---------------------|------------|------------|-----------|
| Ammonium chloride | 5.35 mg/ml | 12125-02-9 | 235-186-4 |
| Sodium Azide | 0.5 mg/ml | 26628-22-8 | 247-852-1 |
| Deoxycholic Acid | 4 mg/ml | 302-95-4 | 201-478-5 |

SECTION 3 – PHYSICAL DATA

| Boiling Point | Specific Gravity | Vapour Density |
|-----------------------------|------------------------|---------------------|
| Not determined | Ammonium Chloride 1.53 | 1.9 |
| Not determined | Sodium Azide 1.89 | 2.2 |
| Not determined | Deoxycholic Acid N/A | N/A |
| Percent volatile by volume | Vapour pressure | Evaporation rate |
| Not determined | Not determined | Not determined |
| Solubility in water | | Reactivity in water |
| Some components are soluble | | Not determined |

Appearance and odour
Clear, colourless, no odour

SECTION 4 – FIRE AND EXPLOSION DATA

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Flash point Not determined | Flammable limits in air (% by volume) Lower – not determined Upper – not determined |
| Extinguishing media Buffer – water, dry powder, carbon dioxide or foam Plastic – water, dry powder, carbon dioxide or foam | Auto ignition temperature Not determined |
| Unusual fire and explosion hazards Aqueous solution is not flammable but residue may emit toxic fumes on combustion Plastic components are flammable | |
| Special fire fighting procedures None | |

| SECTION 5 - HEALTH INFORMATION | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------|
| Primary route of exposure Skin, eye, ingestion | | |
| Signs and symptoms of exposure (1) Acute overexposure – none (2) Chronic exposure - none | | |
| Medical conditions generally aggravated by exposure None | | |
| Chemical component listed as carcinogen or potential carcinogen None | | |
| Other exposure limits None | | |
| Emergency & first aid procedures Eye contact – Irrigate eye for 10 minutes with water – Obtain medical attention. Skin contact – Wash off skin with water. Remove and wash contaminated clothing. Ingestion – Harmful if swallowed. Wash out mouth with water. Drink plenty of water. obtain medical attention | | |
| SECTION 6 – REACTIVITY DATA | | |
| Stability Unstable _____ Stable <u> X </u> | Conditions to avoid Not determined | |
| Incompatibility (Materials to avoid) Not determined | | |
| Hazardous decomposition products Not determined | | |
| Hazardous polymerization Will not occur | | |
| Conditions to avoid Avoid freezing the test cartridges as this will impair their functionality. Avoid storage of the test cartridges at temperatures over 50 C as this will impair their functionality. | | |
| SECTION 7 – SPILL OR LEAK PROCEDURES | | |
| Steps to be taken in case material is leaked or spilled If buffer leaks from the test cartridge then wear protective gloves and absorb with an inert absorbent and transfer to biohazardous waste container for collection by waste contractor. Clean surfaces with disinfectant. Used test cartridges are biohazardous as the infectivity of the blood sample cannot be known before use. The product must be disposed of as biohazardous waste. | | |
| Waste disposal method Dispose of waste in accordance with Federal, state and local codes. | | |
| SECTION 8 – PERSONAL PROTECTION INFORMATION | | |
| Respiratory protection Not required | Eye protection Not required | Ventilation General room ventilation |
| Protective gloves Wear protective gloves while collecting or handling patient's blood samples | | |
| Other protective clothing or equipment None. | | |
| SECTION 9 – SPECIAL PRECAUTIONS | | |
| Precautions to be taken in handling and storing Store and handle the test cartridges according to the manufacturer's instructions. This product is not classified as requiring any special considerations and does not present any hazards During shipping. | | |
| Other Precautions No environmental hazard is anticipated when the test cartridges are handled and disposed of appropriately. | | |