

MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

Name: Chlamydia Device

Description: Chlamydia Test Reagent A

Manufacturer: **Prestige Diagnostics U.K Ltd.,
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Cat No. : RADCLM1

Section 2: CHEMICAL COMPOSITION

CAS-No	NAME	CONCENTRATION
Not Applicable	Not Applicable	The product is a mixture. Aqueous preparation containing the hazardous components: sodium hydroxide

Section 3: HAZARDS IDENTIFICATION

Hazardous components	Sodium hydroxide: 0.2 mol/L
Physical Hazards	Corrosive. Causes skin burns. Causes eye burns. Causes digestive tract burns. Causes respiratory tract burns.
Potential Health Effects Summary	Eye: Causes severe eye burns. Skin: Causes skin burns. May cause deep, penetrating ulcers of the skin. Ingestion: Causes gastrointestinal tract burns. Causes severe pain, nausea, vomiting, diarrhoea and shock. Inhalation: Irritation may lead to chemical pneumonitis and pulmonary edema. Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty and possible coma. Chronic: Prolonged or repeated skin contact may cause dermatitis.
Product Hazard Classifications	Classification according to regulation (EC) No. 1272/2008

Section 4: FIRST AID MEASURES

The following first aid measures are only relevant in the event of serious misuse.

After inhalation	Move victim to fresh air immediately. Give artificial respiration if necessary. If breathing is difficult, give oxygen. Get medical aid.
After skin contact	Get medical aid at once. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing to reduce further exposure.
After eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids until chemical is gone. Get medical aid at once.
After ingestion	Wash out mouth with water provided the person is conscious. Consult a doctor immediately.
Notes to physician	Treat symptomatically and supportively.

Section 5: FIRE FIGHTING MEASURES

Flash Point:	Not Applicable
Flammable Limits:	Not Applicable
Autoignition Temperature:	Not Applicable
Extinguisher Media:	CO ₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special Fire and Explosion Hazards:	Not Applicable
Hazardous Combustion Products:	Not Applicable
Protective Equipment for Firefighter:	Not Applicable

Section 6: ACCIDENTAL RELEASE MEASURES

Personal safety precautions	Use proper personal protective equipment as indicated in Section 8
Spill and leak procedures	Absorb spills with absorbent (vermiculite, sand, fuller's earth) and place in plastic bags for later disposal
Environmental precautions	Do not allow to enter sewers or surface or ground water.

Section 7: HANDLING AND STORAGE

Precautions to be taken in handling and storage	Wash thoroughly after handling. Use adequate ventilation. Do not get in eyes, on skin or on clothing. Do not ingest or inhale.
Requirements to be met by storage conditions	Store at 2 – 30°C
Other precautions/Special Hazards	Not Applicable

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

Exposure Limits US OSHA, ACGIH, DFG MAK:	2 mg/m ³ TWA
Personal protective equipment	Chemical resistant gloves, safety glasses, other protective clothing
Engineering controls:	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Skin Protection:	Wear appropriate gloves to prevent skin exposure. Wear appropriate protective clothing to prevent skin exposure.
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Transparent and clear
Odour	Odourless
Flash Point	Not Applicable
Self-ignition	The product is not self-igniting
Danger of explosion	The product does not present an explosion hazard
Melting Point/Boiling Point	0°C (similar to water) / 100°C (similar to water)
Vapour Pressure	23 hPa (similar to water)
Density (20 °C)	1.06 g/cm ³
pH value at 20 °C	14
Solubility in water	Fully miscible

Section 10: STABILITY AND REACTIVITY

Stability	Stable under conditions of use until the expiration date on the corresponding label
Hazardous Decomposition Products	None known

Section 11: TOXICOLOGICAL INFORMATION

Toxicity data for hazardous ingredients	NaOH: Oral rat: LD50 = > 90 ml/kg
Primary routes of exposure	Not Applicable
Potential effects of acute exposure	Not Applicable
Potential effects of chronic exposure	Not Applicable
Symptoms of exposure	Not Applicable
Chronic Toxicity / Carcinogenicity	Not Applicable
Other effects	Not Applicable

Section 12: ECOLOGICAL INFORMATION

Environmental precautions	Not Applicable
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Section 13: DISPOSAL CONSIDERATIONS

General requirements	Chemical residues and remains should be routinely handled as special waste. This must be disposed of in compliance with anti-pollution and other laws of the country concerned. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.
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Section 14: TRANSPORT INFORMATION

The product is not affected by the current rules for transport of hazardous goods (GGVS/ADR, GGVE/RID, IMDG, IATA/ICAO).

Section 15: REGULATORY INFORMATION

The product is not classified as a dangerous preparation according to 1999/45/EC and 67/548/EEC and 2001/58/EC.

Section 16: OTHER INFORMATION

The above mentioned information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Prestige Diagnostics UK Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.