	File Title: Product File.	Document Title: Material Safety Data Sheet.	Date Issued 02.09.2014
	Item Title: Potassium Colorimetric	Item Code: 8.05.33.0.0xxx	Issue Level: 1.0


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Amendment Record

Issue Level	Date Issued	Summary of Amendment	Reviewed by

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2. General Information.

Trade Names & Synonyms: Potassium Colorimetric.

Chemical Family: In Vitro Diagnostic Test kit (Clinical Chemistry).

Manufacturer: Atlas Medical.

Manufacturer's address: William James House
Cowley Road
Cambridge, CB4 0WX, UK.

Manufacturer's phone: +44 (0) 1223 858 910

Manufacturer's Fax: +44 (0) 1223 858 524

Email: info@atlas-site.com.uk

3. Composition, Information on Active Ingredients.

ACTIVE INGREDIENTS:

Sodium tetraphenylboron or Sodium tetraphenylborate: Conc 2.1 mM
Other components either non-hazardous or at concentrations below that requiring hazardous listing.

4. Hazard Information.

The following information applies to the component materials at higher concentrations than present in the reagent. Although lower concentrations are present in the reagent, appropriate safety precautions should still be taken.

- Sodium Tetraphenylboron: Toxic. Harmful if swallowed. Irritating to eyes, respiratory system, and skin.

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5. Fire & Explosion Hazard Data.

Autoignition Temp: N/A

Extinguishing Media: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Firefighting Measures: Protective Equipment: and protective clothing to prevent contact with skin and eyes.

6. Accidental release measures.

Procedure to be Followed in Case of Leak or Spill : Ventilate area.

Methods for Cleaning Up and Disposal: Mop up liquid, place in bag and hold for waste disposal. Wash spill site after material pickup is complete.

Procedures of Personal Precaution: Exercise appropriate precautions to avoid contact with skin or eyes and prevent inhalation. Wear proper personal protective equipment (PPE).

7. Handling and Storage.

Handling: Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Avoid inhalation or ingestion. Do not pipette by mouth. Wash thoroughly after handling.

Storage

Store in a cool dry place. Keep tightly closed.


8. Exposure control and personal gear.

Engineering Controls :Safety shower and eyewash. Good general ventilation.

Personal Protective Equipment: Respiratory Protection: None required where adequately ventilated Protective Clothing: Lab coat Protective Gloves: Latex or rubber gloves Eye: Chemical safety goggles with side shields recommended. Other protective equipment: Use a safety pipette device.

General Hygiene Measures: Wash thoroughly after handling.

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9. Physical and chemical properties.

Boiling Point: N/A
Melting Point: N/A
Specific Gravity: (g/cm³): <1.1 (water = 1.0)
Vapor Pressure : N/A
Percent Volatile: N/A
Vapor Density: N/A
Evaporation Rate: 1 (water = 1.0)
Solubility in Water: Soluble
Appearance: colorless liquid

10. Stability and Reactivity Data.

Stability: Stable
Conditions to Avoid : heat sensitive
Materials to Avoid: strong oxidizing agents,
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide, Boron oxides.

11. Toxicological information.

Route of exposure: be harmful by inhalation, or by skin absorption. Harmful if swallowed. Causes eye and skin irritation. May be irritating to mucous membranes and upper respiratory tract.
Signs and Symptoms of Exposure: N/A

12. Ecological information.

N/A

13. Waste disposal information.


Appropriate Method of Disposal of Substance or Preparation
Contact a licensed professional waste disposal service to dispose of this material.
Observe all federal, state and local environmental regulations.

14. Transport information.

To be non-hazardous for transport.
IATA: - Non-hazardous for Air Transport.

15. Regulatory information.

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Sodium tetraphenylboron:

European Regulatory Information

Indication of Danger. Harmful

Risk statements. R: 22 36/37/38

Harmful if swallowed. Irritating to eyes, respiratory system and skin.

Safety statements. S 26

In case of contact with of contact with eyes, rinse immediately with plenty of water and seek medical advice

US Classification

Indication of Danger: Toxic

Risk statements: Harmful if swallowed. Irritating to eyes, respiratory system and skin.

Safety statements: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face

Canadian Regulatory information

WHMIS Classification

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

16. Other Information:

The product is for in-vitro use only.

17. Disclaimer.

The information above is believed to be accurate represents the best information currently available to us.

However we make no warranty of merchantability or any other warranty expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purpose. In no way shall the company be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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