

# Material Safety Data Sheet

## Human Genetic Signatures Methyl Easy™ Kit

**Issue Date** February 2004 **Status** ISSUED

**Classified as hazardous according to criteria of NOHSC**

### COMPANY DETAILS

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**Company Name** Human Genetic Signatures Pty Ltd (ABN 30 095 913 205)  
**Address** 22 Delhi Rd North Ryde  
NSW 2113  
**Tel/Fax** Tel: 61-2-9870 7580 Fax: 61-2-8569 0373  
**Other Information** Australian Poisons Information Centre: 13 11 26

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### IDENTIFICATION

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**Product Name** Human Genetic Signatures Methyl Easy™ DNA Bisulphite Modification Kit

**Proper**

**Shipping**

**Name** None Allocated - Not Considered as a Dangerous Good

**Other Names**      **Name**      **Product Code**

Methyl Easy™ DNA Bisulphite Modification  
Kit

**UN Number** None Allocated

**DG Class** None Allocated

**Packing Group** None Allocated

**Hazchem Code** None Allocated

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### Physical Data

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**Appearance** Kit with 8 vials of differing size

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### Other Properties

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**Stability** Stable

**Haz.**

**Polymerization** Polymerization will not occur.

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## Ingredients

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<b>Ingredients</b>	<b>Name</b>
	Reagent 1: Alkaline Solution
	Reagent 2: Bisulphite Powder
<b>Information on Composition</b>	Note: Only Reagent 1 & Reagent 2 are classified as 'Hazardous' irritants according to the criteria of the National Occupational Health and Safety Commission (NOHSC). This kit also contains: Reagent 3, Reagent 4 and Control Samples are classified as not hazardous according to the criteria of NOHSC.

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## HEALTH HAZARD INFORMATION

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### Health Effects

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<b>Acute - Swallowed</b>	Reagents 1 & 2: Minor effect expected due to small volume of reagents.
<b>Acute - Eye</b>	Reagents 1 & 2: Irritating to eyes. Burning, tearing and discomfort possible.
<b>Acute - Skin</b>	Reagents 1 & 2: Irritating to skin.
<b>Acute - Inhaled</b>	Reagents 1 & 2: No toxic effect expected as a mist is difficult to produce. Mist may result in irritation.
<b>Chronic</b>	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by NOHSC, IARC, NTP, OSHA or ACGIH as a carcinogen.
<b>Other Information</b>	No significant adverse effects are expected from occupational exposure to other reagents and components of this kit.

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### First Aid

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<b>Swallowed</b>	Ingestion is not an expected route of exposure during normal use of the product. If ingested, consult a physician.
<b>Eye</b>	Reagents 1 & 2 are eye irritants. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
<b>Skin</b>	Reagents 1 & 2 may cause skin irritation following contact. Washing the skin is advisable.
<b>Inhaled</b>	Inhalation is not an expected route of exposure during normal use of the product.

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### Advice to Doctor

nil

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## Other Health Hazard Information

nil

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## PRECAUTIONS FOR USE

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**Exposure Limits** REAGENT 1 – ALKALINE SOLUTION:  
NOHSC TWA : 2 mg/m<sup>3</sup>, peak limit (for mist)  
REAGENT 2 – BISULPHITE POWDER:  
NOHSC TWA : 5 mg/m<sup>3</sup>

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## Personal Protection

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**Protective Equip.** Reagents 1 & 2 are hazardous and it is recommended that users wear latex gloves conforming to AS2161 and eye protection conforming to AS1336 & AS1337.

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## Flammability

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**Fire Hazards** The kit consists of non-flammable water-based solutions and non-flammable solids.

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## SAFE HANDLING INFORMATION

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### Storage and Transport

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**Handling** Personnel:  
Some of the content of the kit is classified as hazardous by NOHSC. When handling any chemical, standard laboratory practices and good personal hygiene is recommended.

**Storage and Transport** This kit is exempt from labelling under the Australian Dangerous Goods Code.

**Proper Shipping Name** None Allocated

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### Spills and Disposal

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**Spills & Leaks** Spilled material is a slipping hazard.  
Initial containment using absorbent paper towel or similar material, then rinse with water and dry.

**Disposal** This material may be acceptable for treatment by a Publicly Owned Treatment Works. Follow all Federal and Local regulations.

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### Fire/Explosion Hazard

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#### Extinguishing

**Media** Use media appropriate for surrounding material.

**Hazchem Code** None Allocated

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## OTHER INFORMATION

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<b>Risk Statement</b>	R36/38 Irritating to eyes and skin.
<b>Safety Statement</b>	S13 Keep away from food, drink and animal feeding stuffs. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S24/25 Avoid contact with skin and eyes. S37/39 Wear suitable gloves and eye/face protection.
<b>Pkg. &amp; Labelling Hazard Category</b>	Contains: Alkaline solution (In Reagent 1), Bisulphite Powder (In Reagent 2)  Xi Irritant

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## CONTACT POINT

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<b>Contact</b>	For sales, technical, and all product related enquiries contact Human Genetic Signatures office on 61-2-9870 7580. Ask for the customer service, Technical, or marketing personnel for the product relative to the enquiry. The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.
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End of MSDS

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