

[SDS]

**Hemoglobin A1c Set**

1268 N. Lakeview Ave. Anaheim, CA 92807 Phone: (714) 463-1111 Fax: (714) 463-1169 www.tecodiag.com

**Section 1 – Product and Company Information**

<b>Product Name</b>	<b>Hemoglobin A1c Set</b>
<b>Catalog Number</b>	G560-125 and G560-160TM
<b>Product Type</b>	Clinical Chemistry Reagent
<b>Recommended Use</b>	For the quantitative determination of Hemoglobin A1c (HbA1c) in human blood. For <i>in vitro</i> diagnostic use.
<b>Company Name</b>	Teco Diagnostics
<b>Street Address</b>	1268 N. Lakeview Avenue
<b>City, State, Zip Code, Country</b>	Anaheim, CA 92807 USA Phone: (800) 222-9880 or (714) 463-1111 Monday - Friday 8:00-5:00 Pacific Time Fax: (714) 463-1169
<b>Emergency Telephone No.</b>	CHEMTREC (800) 424-9300 International CHEMTREC (703) 527-3887

**Section 2 – Hazard(s) Identification**

<b>Hazard Classification</b>	Not a hazardous substance or mixture
<b>Signal Word</b>	Not required
<b>Hazard Symbols</b>	Not required
<b>Hazard Statements</b>	Not a hazardous substance or mixture
<b>Precautionary Statements</b>	Not a hazardous substance or mixture

**Section 3 - Composition/information on ingredients**

Chemical Names	Concentration or %	CAS#
Suspended latex material	0.13%	N/A
Sodium Azide	0.09%	26628-22-8
Mouse Anti-Human HbA1c monoclonal antibody	N/A	N/A
Goat Anti-Mouse IgG polyclonal antibody	N/A	N/A
Gentamicin Sulfate	0.015%	1405-41-0

**Section 4 – First Aid Measures**

<b>Skin contact</b>	In case of contact, immediately flush area with plenty of water. Remove and wash contaminated clothing before reuse.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.
<b>Ingestion</b>	Wash out mouth with plenty of water. Drink plenty of water. Contact a physician.
<b>Inhalation</b>	If inhaled, move person to fresh air. If person has difficulty breathing, give oxygen. If person is not breathing, give artificial respiration. Call a physician.

**Section 5—Fire-fighting measures**

<b>Suitable extinguishing media</b>	As appropriate for fire in surrounding materials
<b>Unsuitable extinguishing media</b>	None
<b>Specific hazards</b>	No information available
<b>Hazardous combustion products</b>	No information available
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus.
<b>Flammability</b>	Not flammable
<b>Unusual fire and explosion hazards</b>	No information available

**Section 6 – Accidental Release Measures**

<b>Personal precautions</b>	Avoid contact and inhalation. Do not get in eyes, on skin or clothing. Do not pipet by mouth.
<b>Protective equipment</b>	Wear protective rubber/latex or hypoallergenic gloves. Wear protective clothing such as a lab coat. Wear safety glasses. Respiratory protection is not required.
<b>Other equipment</b>	Eyewash should be available. Local exhaust ventilation is not required.
<b>Containment, clean up, and disposal procedure</b>	Absorb small leaks or spills with sponge; mop up large spills with plenty of soap and water. Liquid waste should be diluted with large volumes of water and disposed into sewer system, in accordance with local regulations. Place solid waste into a suitable container, seal, label and hold for disposal. Dispose of in accordance with federal, state, and local regulations.

[SDS]

**Hemoglobin A1c Set**

1268 N. Lakeview Ave. Anaheim, CA 92807 Phone: (714) 463-1111 Fax: (714) 463-1169 www.tecodiag.com

**Section 7 – Handling and Storage**

<b>Handling</b>	Normal precautions for handling chemicals must be observed. Avoid contact with eyes, skin, and clothing. Wear safety glasses, protective gloves and lab coat.
<b>Storage</b>	Store between +2°C and +8°C.
<b>Incompatibilities</b>	No information available
<b>Shipping Regulations</b>	Not regulated

**Section 8 – Exposure controls and personal protection**

<b>Engineering controls</b>	Local exhaust ventilation is not required. General room ventilation is satisfactory.
<b>Personal protective equipment (PPE)</b>	Eye/face protection: Wear safety glasses.
	Hand protection: Wear rubber/latex or hypoallergenic, chemical-resistant gloves.
	Body/skin protection: Wear protective clothing such as a lab coat or other suitable work clothing.
	Respiratory protection: None normally required.
Other equipment:	Safety shower and eye wash should be available. Use a safety pipette device.
<b>Other precautions</b>	Avoid contact and inhalation. Do not get in eyes, on skin or clothing. Do not pipet by mouth. Wash contaminated clothing before reuse. Exercise same precautions used in handling human blood.

**Section 9 - Physical and Chemical Properties**

<b>Appearance</b>	R1 reagent is a white suspension in aqueous solution. R2 reagent is clear and colorless liquid Lyse reagent is clear and colorless liquid
<b>Odor</b>	N/A
<b>Odor threshold</b>	N/A
<b>pH</b>	N/A
<b>Melting point / freezing point</b>	N/A
<b>Initial boiling point and boiling range</b>	N/A
<b>Flash point</b>	N/A
<b>Evaporation rate</b>	N/A
<b>Flammability (solid, gas)</b>	Not flammable
<b>Upper/lower flammability or explosion limits</b>	N/A
<b>Vapor pressure</b>	N/A
<b>Vapor density</b>	N/A
<b>Relative density</b>	N/A
<b>Solubility</b>	N/A
<b>Partition coefficient: n-octanol/water</b>	N/A
<b>Auto-ignition Temperature</b>	N/A
<b>Decomposition Temperature</b>	N/A
<b>Viscosity</b>	N/A

**Section 10 – Stability and Reactivity**

<b>Reactivity</b>	No information available
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No information available
<b>Conditions to avoid</b>	No information available
<b>Incompatible materials</b>	Caution, contains sodium azide which may form explosive metal azides when in contact with heavy metals.
<b>Hazardous decomposition products</b>	No information available
<b>Hazardous polymerization</b>	Will not occur

[SDS]

**Hemoglobin A1c Set**

1268 N. Lakeview Ave. Anaheim, CA 92807 Phone: (714) 463-1111 Fax: (714) 463-1169 www.tecodiag.com

**Section 11- Toxicological Information**

<b>Route of Entry/Exposure</b>	Skin contact, eye contact, inhalation, ingestion, skin absorption	
<b>Effects of acute exposure</b>		
<b>Skin contact</b>	May cause irritation.	
<b>Eye contact</b>	May cause irritation.	
<b>Ingestion</b>	May be harmful if ingested.	
<b>Inhalation</b>	May cause irritation to mucous membranes and upper respiratory tract.	
<b>Effects of chronic exposure</b>	No information available	
<b>Sensitization to product</b>	No information available	
<b>Synergistic products</b>	No information available	
<b>LD50</b>	No information available	
<b>Toxicity</b>	No information available	
<b>Carcinogenicity</b>	IARC	No component present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
	ACGIH	No component present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
	NTP	No component present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
	OSHA	No component present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
<b>Additional Information</b>	RTECS: Not available To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.	

**Section 12 – Ecological Information**

<b>Ecotoxicity</b>	No information available
<b>Persistence and degradability</b>	No information available
<b>Bio-accumulative potential</b>	No information available
<b>Mobility in soil</b>	No information available
<b>Other adverse effects</b>	No information available
<b>Water hazard class</b>	No information available

**Section 13 – Disposal Considerations**

<b>Waste disposal</b>	Dilute with large volumes of water and dispose of into sewer system, in accordance with local regulations.
-----------------------	--

**Section 14 – Transport Information**

<b>UN Number</b>	None
<b>UN Proper shipping name</b>	None
<b>Transport hazard class</b>	Not classified as hazardous. Not regulated.
<b>Packing group</b>	Not applicable
<b>Environmental hazard</b>	No information available
<b>DOT (USA)</b>	Not dangerous goods
<b>IMDG</b>	Not dangerous goods
<b>IATA</b>	Not dangerous goods
<b>Special precautions</b>	None

**Section 15 – Regulatory Information**

<b>SARA 311/312</b>	No SARA hazards
<b>Right to Know Components</b>	Massachusetts and Pennsylvania: Sodium azide CAS No. 26628-22-8
<b>California Prop. 65</b>	This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**Section 16 – Other Information**

This product is labeled in accordance with CFR21 (Food and Drugs), Section 809.10. The information contained herein has been compiled from data presented in various technical sources believed to be accurate. We make no warranties, express or implied, and assume no liability in connection with the use of this information. It is the user's responsibility to determine the suitability of this information and to assure the adoption of necessary safety precautions.	
SDS Preparation Information: Revision Date: 06/11/2015	