



Material Safety Data Sheet
MSDS #: 702747

Important Safety Information – Do Not Discard
Please route to your Company Safety Director

Identification of Product:

Affymetrix DMET Clinical Panel Kit

Contact Information:

Manufacturer: Affymetrix, Inc. 7300 Shoreline Court, South San Francisco, CA 94080
Tel: +1 650 228 7413

This Hazard Communication Packet has been put together to inform you of the potential hazards associated with the components used in this reagent kit. Refer to the Material Safety Data Sheet(s) for the listed items

Composition:

<u>Vial Name</u>	<u>Page(s)</u>
DMET mPCR Primer Mix	2
DMET MIP Panel	2
DMET 1X TE Buffer	2
DMET PCR Dilution Buffer	2
DMET gDNA Control 1	3-5
DMET gDNA Control 2	3-5
DMET gDNA Control 3	3-5
DMET Plasmide Control A	3-5
DMET Plasmide Control B	3-5
DMET Plasmide Control C	3-5

For each kit, a MSDS sheet will be sent only on the first shipment, unless a substantial revision occurs. While the information provided in the MSDS is believed to be correct, this information is provided by Affymetrix, Inc. without any warranty, express or implied, regarding its corrective uses. To the best of our knowledge the information provided is correct. However, the information should only be used as a guide and the final determination is the sole responsibility of the user as all materials may contain unknown hazards and should be used with caution. Affymetrix, Inc. shall not be held liable for any damages or losses resulting from use of the product(s).



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The following components of this kit consist of either aqueous solutions containing buffers, salt solutions or enzymes, none of which are at a concentration that would render the reagents hazardous under the US Hazard Communication Standard, 20 CFR 1910.1200. The chemical, physical and toxicological properties of these products may have as yet, been thoroughly investigated. General laboratory safety equipment (eye protection, lab coat and lab gloves) and good personal hygiene are recommended when working with these or any laboratory reagents.

Vial Name

DMET MIP Panel



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Composition / Information:

<u>Vial Name</u>	<u>Component</u>	<u>Percent(%)</u>
DMET mPCR Primer Mix	TE Buffer	>99
DMET 1x TE Buffer	TE Buffer	>99
DMET PCR Dilution Buffer	TE Buffer	>99
DMET 3.0 gDNA Control 1	TE Buffer	>99
DMET 3.0 gDNA Control 2	TE Buffer	>99
DMET 3.0 gDNA Control 3	TE Buffer	>99
DMET 3.0 Plasmid Control A	TE Buffer	>99
DMET 3.0 Plasmid Control B	TE Buffer	>99
DMET 3.0 Plasmid Control C	TE Buffer	>99

Component	% Comp	CAS #	EINECS #
Ethylenediaminetetraacetic Acid (EDTA)	<5	60-00-4	200-449-4
Water	80	7732-18-5	231-791-2
Tris Hydrochloride	15	11185-53-1	214-684-5

Hazards Identification:

Physical State: liquid
Effects and Symptoms:
Inhalation: Inhalation of mist may cause irritation to the mucous membranes and respiratory tract.
Skin Contact: May cause irritation
Eye Contact: May cause irritation
Chronic Exposure: None known. Not thoroughly investigated
Aggravating Conditions: None known
Carcinogenicity: Not listed by NTP, IARC or regulated by OSHA as carcinogens.

First Aid Measures:

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult physician.
Eye or Skin Contact: Flush eyes or wash contaminated area with water for 15 minutes. Seek medical consultation if irritation persists.
Ingestion: Rinse out mouth immediately. Do not induce vomiting. Consult physician.

Fire Fighting Measures:

Extinguishing media: Water, Carbon dioxide, dry chemical or appropriate foam



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Special Fire procedure: Wear appropriate fire protection gear for surrounding fire.
Unusual fire / exp. hazards: N/A

Accidental release measures:

If released or spilled: Absorb on inert material, collect for appropriate disposal. Do not flush to sewer.

Absorbent material: No restrictions

Handling and Storage:

Handling: Special handling procedures are not needed

Storage: There are no restrictions concerning storage with other products.

Exposure Controls / Personal Protection:

Protective equipment: Use general laboratory protective equipment, lab safe gloves, general eye protection safety glasses or goggles. Prudent laboratory practices should be followed when handling any material.

Hygiene: General lab practices. Keep away from food and beverages.

Ventilation: Local exhaust

Precautionary Labeling: None required

Physical and Chemical Properties:

Appearance and Odor: clear odorless liquid

Boiling Point: Not available for mixture

Flash Point: Not available for mixture

Specific Gravity: Not available for mixture

Vapor Density: Not available for mixture

pH: Not available for mixture

Solubility in Water: Soluble

Stability and Reactivity:

Stability: Stable

Incompatibility: Strong oxidizers

Hazardous Decomp.: Burning may produce carbon monoxide, carbon dioxide and nitrogen oxides

Hazardous Polymerization: Not expected to occur

Toxicological Information:

The toxicity of the mixture has not been investigated.

Ecological Information:

No data found

Disposal Considerations:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Transport Information:

This product is not subject to current regulations for transportation of hazardous goods (US DOT)

UN No.: N/A



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Regulatory:

TSCA: These products are solely for use for research and development purposes in accordance with 40 CFR 720.36 and may not be used, process or distributed for a commercial purpose. It may only be handled by technically qualified individuals.

SARA: N/A

CERCLA: N/A

Section 302: N/A

Section 304: N/A

Section 313: N/A

California Prop 65: Not listed

European Union: This product is not subject to identification regulations under EU Directive and the Ordinance of Hazardous Materials.

Other Information:

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