



Material Safety Data Sheet

Carcinogenic PAHs Proficiency Sample

MATERIAL IDENTIFICATION

Manufacturer/Distributor: Strategic Diagnostics Inc.
111 Pencader Drive
Newark, DE 19702

Phone Number: 1-(302) 456-6789

Trade Names and Synonyms: Carcinogenic PAHs Proficiency Sample (A00202)

NFPA Ratings

Health:	2
Flammability:	3
Reactivity:	1

OSHA HAZARD DETERMINATION

Hazardous Ingredients	CAS Number	Weight Percent
Methanol Methyl alcohol, Wood alcohol	67-56-1	≤ 50

PHYSICAL DATA

Plastic kit containing small amounts of various liquids and powders.

HAZARDOUS REACTIVITY

Instability Stable - Reactivity not expected with the product.

FIRE AND EXPLOSION DATA

Fire and Explosion Hazards There is a fire and explosion hazard with this kit. 86°F (closed cup) TAG ASTW D-56 for 50% methanol.

Extinguishing Media Use media appropriate for surrounding material.

Special Fire Fighting Instructions Firefighters must wear appropriate protective clothing and self – contained breathing apparatus.

HEALTH HAZARD INFORMATION

Primary Route(s) of Exposure/Entry: Skin, Eyes and Mouth. Flush skin and eyes with large amounts of water.

Signs and Symptoms of Exposure/Medical Conditions Aggravated by Exposure:

Methanol may be fatal if swallowed. Methanol may be harmful, if inhaled or absorbed through skin. Vapor or mist is irritating to eyes, mucous membranes, and respiratory tract. Skin contact with chemical may cause irritation. Methanol may also cause irritation / damage to kidneys and other gastrointestinal organs. May also cause convulsions.

Carcinogenicity: None of the components in this material is listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

Applicable Exposure Limits

Methanol
 OSHA/PEL 262 mg/m³
 ACGIH /TLV 262 mg/ m³
 TXDS: orl-rat LD₅₀ 5628 mg/kg
 ihl-rat LC₅₀ 64000 ppm/4H
 orl-mice LD₅₀ 7300 mg/kg
 skn-rbt LD₅₀ 15800 mg/kg

FIRST AID

Inhalation	No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary.
Skin Contact	The compound is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Ingestion	The compound is toxic by ingestion. Call a physician.

PROTECTION INFORMATION

General Control Measures and Precautions: Ventilation - Natural ventilation.

Personal Protective Equipment: Respiratory Protection: None required.

Protective Gloves: Are highly recommended.

Eye Protection: Safety glasses with side shields are required.

Other Protective Equipment: A lab coat or other long – sleeved garment is required. Access to a safety shower and eyewash station is recommended.

SPILL, LEAK AND DISPOSAL INFORMATION

Spill, Leak, or Release	Review FIRE AND EXPLOSION HAZARDS and SAFETY PRECAUTIONS before proceeding with clean up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. No special clean up practices are required.
Waste Disposal	Dispose of as solid waste in accordance with any applicable federal, state, and local requirements.

SHIPPING INFORMATION

DOT	Proper Shipping Name	Not DOT regulated.
IATA/IMO	Proper Shipping Name	Not restricted.

TITLE III HAZARD CLASSIFICATION

Acute	No
Chronic	No
Fire	No
Reactivity	No
Pressure	No

REGULATORY INFORMATION

OSHA HAZARD DETERMINATION: This material is not known to be hazardous as defined by OSHA's Hazard Communication Standard, 29 CFR 1910.1200

EPA DETERMINATIONS:

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, & LIABILITY ACT (CERCLA/SUPERFUND), 40 CFR 302 - This material is not known to contain hazardous substances in sufficient quantity to make it subject to CERCLA regulations.

TOXIC SUBSTANCES CONTROL ACT (TSCA), 40 CFR 710

The material is a mixture as defined by TSCA. The chemical ingredients in this material are in the Section 8(b) Chemical Substance Inventory and/or are otherwise in compliance with TSCA. In the case of ingredients obtained from other manufacturers, Strategic Diagnostics, Inc. relies on the assurance of responsible third parties in providing this statement.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), 40 CFR 261, SUBPARTS C AND D

The material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it could be considered hazardous if it meets criteria for being toxic, corrosive, ignitable or reactive according to U.S. EPA definitions (40 CFR 261). This material could also become a hazardous waste if it is mixed with or comes in contact with a listed hazardous waste. If it is a hazardous waste, regulations 40 CFR 262-266 and 268 may apply.

HAZARDOUS MATERIALS TRANSPORTATION REGULATIONS, 49 CFR 171-178 - This material is not known to contain hazardous substances in sufficient quantity to make it subject to the Regulations.

FOREIGN REGULATIONS: CANADIAN HAZARDOUS PRODUCTS ACT (WHMIS)

The material is not a WHMIS Controlled Product.

STATE REGULATIONS:

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 ("PROPOSITION 65")

The material is not known to contain any ingredients (s) subject to the Act.

PENNSYLVANIA WORKER AND COMMUNITY RIGHT TO KNOW ACT

This material is not known to contain any ingredient(s) subject to the Act. Non-hazardous ingredient(s) information is withheld as trade secret in accordance with Section 11 of the Pennsylvania Worker and Community Right to Know Act.

The above data are based on tests, experience, and other information which Strategic Diagnostics Inc. believes reliable and are supplied for informational purposes only. However, some ingredients may have been purchased or obtained from third-party manufacturers. In these instances, Strategic Diagnostics, Inc., in good faith, relies on information provided by those third parties. Since conditions of use are outside our control, STRATEGIC DIAGNOSTICS INC. DISCLAIMS ANY LIABILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM USE OF THE ABOVE DATA. NOTHING CONTAINED HEREIN SHALL CONSTITUTE A GUARANTEE, WARRANTY (INCLUDING WARRANTY OF MERCHANTABILITY) OR REPRESENTATION (INCLUDING FREEDOM FROM PATENT LIABILITY) BY STRATEGIC DIAGNOSTICS, INC. WITH RESPECT TO THE DATA, THE MATERIAL DESCRIBED, OR ITS USE FOR ANY SPECIFIC PURPOSE, EVEN IF THAT PURPOSE IS KNOWN TO STRATEGIC DIAGNOSTICS INC.

Responsibility for MSDS: Strategic Diagnostics Inc.
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