

# Material Safety Data Sheet

To comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

## GC PCB WIPE TEST KIT

### SECTION 1 --- MANUFACTURER

**Manufacturer's Name:**

Dexsil Corporation

**Emergency Telephone Number:**

USA (800) 424-9300 (CHEMTREC)

INTL (202) 483-7616

**Address:**

One Hamden Park Drive  
Hamden, CT 06517

**Telephone Number:**

(203) 288-3509

**Date Prepared:** 12-01-07

**Date Reviewed:** 12-01-07

### SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

The PCB Wipe System consists of a glass break-top ampule, a glass vial and a wipe cloth.

<u>Component</u>	<u>Contents</u>	<u>CAS#</u>	<u>Concentration in kit</u>
"Hexane" Ampule	Hexane	110-54-3	100%

### SECTION 3 — HAZARDS IDENTIFICATION

Harmful if inhaled, swallowed or absorbed through the skin.

Exposure can cause irritation and dermatitis.

Expose can cause eye irritation.

For additional information on toxicity, please refer to Section 11.

### SECTION 4 — FIRST AID MEASURES

**First Aid**

In case of contact with reagents, rinse well with water. If swallowed, do NOT induce vomiting. In case of inhalation, remove to fresh air.

**Eye Contact**

Flush with large amounts of water for 15 minutes. See medical attention.

**Skin contact**

Flush with large amounts of water.

**Inhalation**

In case of inhalation, remove to fresh air. Overexposure can cause headache, nausea, vomiting, dizziness, drowsiness, and irritation of upper respiratory tract.

## **SECTION 5 --- FIRE AND EXPLOSION HAZARD**

Flash Point	Hexane Ampule	-10°F
Flammable Limit	Upper	7.7%
	Lower	1.2%

**Extinguishing Media** Dry chemical, foam, CO<sub>2</sub>

**Special Fire Fighting Procedures** Wear SCBA.

## **SECTION 6 — ACCIDENTAL RELEASE MEASURES**

**Spills and Leaks** *Hexane Ampule*  
Shut off all ignition sources. Wear protective clothing. Soak up with non-combustible absorbent material.

## **SECTION 7 — HANDLING AND STORAGE**

**Protective equipment** Wear appropriate safety equipment when performing the test on site.

**Storage** Store test kits in a cool, dry place.

## **SECTION 8 — EXPOSURE CONTROLS/ PERSONAL PROTECTIVE EQUIPMENT**

**Engineering Controls** None required

**Personal Protective Equipment(PPE)**  
**Respiratory protection**

When the airborne concentration exceeds the TLV, a chemical respirator with an organic cartridge is recommended.

**Ventilation**

Perform test only in a well-ventilated area.

**Protective gloves**

Always wear rubber gloves when performing the PCB WIPE test.

**Eye protection**

Wear safety glasses or goggles.

**General Hygiene Measures**

Wash after running tests

## **SECTION 9 --- PHYSICAL/CHEMICAL CHARACTERISTICS**

<b><i>Property</i></b>	<b><i>Hexane</i></b>
<b>Boiling Pt. °C</b>	69
<b>Vapor Pressure mm Hg @ 21°C</b>	130
<b>Solubility in Water</b>	<0.1%
<b>Specific Gravity</b>	0.66
<b>Percent Volatile</b>	100
<b>Evaporation Rate Butyl Acetate =1</b>	9
<b>Appearance</b>	colorless
<b>Odor</b>	faint

## **SECTION 10 — REACTIVITY DATA**

**Stability** All components are stable.

**Incompatible With** Strong oxidizers, chlorine, fluorine, magnesium perchlorate.

**Hazardous Decomposition Productions** Carbon monoxide, carbon dioxide.

**Hazardous Polymerization** Will not occur.

**Conditions to Avoid** Heat, flame.

## **SECTION 11 — TOXICOLOGICAL INFORMATION**

### **Carcinogenicity**

NTP: No IARC: No Z List: No OSHA Reg: No

Hexane affects the central and peripheral nervous systems.

### **Toxicity Data**

<b><u>Component</u></b>	<b><u>Contents</u></b>	<b><u>TLV/(PEL)</u></b>
"Hexane" Ampule	Hexane	180 mg/m <sup>3</sup> /(1800 mg/m <sup>3</sup> )

## **SECTION 12 — ECOLOGICAL INFORMATION**

No data available

## **SECTION 13 — DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all applicable federal, state and local environmental regulations.

## **SECTION 14 — TRANSPORTATION INFORMATION**

### **DOT**

**Proper Shipping Name:** Hexanes  
**UN Number:** 1208  
**Hazard Class:** 3  
**Packing Group:** II

### **IATA**

**Proper Shipping Name:** Hexanes  
**IATA UN Number:** 1208  
**Hazard Class:** 3  
**Packing Group:** II

## **SECTION 15 — REGULATORY INFORMATION**

### **United States Regulatory Information**

**SARA Listed:** No

**TSCA Inventory Items:** Hexanes

**CERCLA Listed:** No

## **SECTION 16 — OTHER INFORMATION**

The information in this Material Safety Data Sheet meets the requirements of the United States OCCUPATIONAL SAFETY AND HEALTH ACT and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and the Canadian WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. This document is intended only as a guide to the appropriate precautionary handling of the material by a person trained in, or supervised by a person trained in, chemical handling. The user is responsible for determining the precautions and danger of these chemicals for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes.

Exposure to this product may have serious adverse health effects. These chemicals may interact with other substances. Since the potential uses are so varied, Dexsil cannot warn of all of the potential dangers of use or interaction with other chemicals or materials. Dexsil warrants that the chemicals meet the specifications set forth on the label.

**DEXSIL DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR PURPOSE.**

The user should recognize that this product can cause severe injury and even death, especially if improperly handled or the known dangers of use are not heeded. **READ ALL PRECAUTIONARY INFORMATION.** As new documented general safety information becomes available, Dexsil will periodically revise this Material Safety Data Sheet.

CHEMTREC emergency telephone number is to be used **ONLY** in the event of **CHEMICAL EMERGENCIES** involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to the Customer Service Dept. at 1-203-288-3509.

*For additional information, contact Dexsil.*

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