

# Safety Data Sheet

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

## GC PCB WIPE TEST KIT

### SECTION 1 – COMPANY IDENTIFICATION

**Manufacturer:** Dexsil Corporation  
One Hamden Park Drive  
Hamden, CT 06517

**Emergency Telephone Number:**  
USA (800) 424-9300 (CHEMTREC)  
INT'L (703) 741-5970

**Telephone Number:** (203) 288-3509

**Email:** [info@dexsil.com](mailto:info@dexsil.com)

**Product Description:** The GC PCB Wipe Kit is a prepackaged field kit containing all of the supplies necessary for collecting wipe samples of contaminated surfaces which are then sent into a laboratory for analysis.

### SECTION 2 – HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### Ampule (Hexane Ampule)

##### GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids (Category 2), H225  
Skin irritation (Category 2), H315  
Reproductive toxicity (Category 2), H361  
Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336

Specific target organ toxicity - repeated exposure, Oral (Category 2), Nervous system, H373  
Aspiration hazard (Category 1), H304  
Acute aquatic toxicity (Category 2), H401  
Chronic aquatic toxicity (Category 2), H411  
For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

##### Ampule (Hexane Ampule)



##### Warning

H224 Extremely flammable liquid and vapor.  
H315 Causes skin irritation.  
H336 May cause drowsiness and dizziness.  
H361f Suspected of damaging fertility.

H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

##### [Prevention]:

P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves / eye protection / face protection.

##### [Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P308+313 IF exposed or concerned: Get medical advice / attention.  
P314 Get Medical advice / attention if you feel unwell.  
P321 Specific treatment (see information on this label).  
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P362 Take off contaminated clothing and wash before reuse.  
P391 Collect spillage.

##### [Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.  
P405 Store locked up.

##### [Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

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

### **SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

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

<b><u>Component</u></b>	<b><u>Contents</u></b>	<b><u>CAS#</u></b>	<b><u>GHS Classification</u></b>	<b><u>Concentration in kit</u></b>
"Hexane" Ampule	Hexane	110-54-3	Flam. Liq. 2;H225 Repr. 2;H361f Asp. Tox. 1;H304 STOT RE 2;H373 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Chronic 2;H411	100%

### **SECTION 4 – FIRST AID MEASURES**

#### **First Aid**

In case of contact with reagents, rinse well with water.

#### **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°C                      -23°C

Explosion Limits                      Lower 1.2%                      Upper 7.7%  
Container explosion may occur under fire conditions

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. Keep away from heat, sparks and open flame.

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

Engineering Controls    None required

## Personal Protective Equipment (PPE)

<b>Respiratory protection</b>	When the airborne concentration exceeds the TLV, a chemical respirator with an organic cartridge is recommended.
<b>Ventilation</b>	Perform test only in a well-ventilated area.
<b>Protective gloves</b>	Always wear rubber gloves when performing the PCB WIPE test.
<b>Eye protection</b>	Wear safety glasses or goggles.
<b>General Hygiene Measures</b>	Avoid contact with skin, eyes and clothing. Wash after running tests.

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

<b>Property</b>	<b>“Hexane” Ampule</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 organic

## **SECTION 10 – REACTIVITY DATA**

<b>Chemical Stability</b>	All components are stable under storage conditions
<b>Conditions to Avoid</b>	Heat, flame, strong oxidizers, chlorine, fluorine, magnesium perchlorate
<b>Hazardous Decomposition Product</b>	Carbon monoxide, carbon dioxide
<b>Hazardous Polymerization</b>	Will not occur

## **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>Components</b>	<b>Contents</b>	<b>TLV/(PEV)</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:** None  
**Non-Hazardous for Transport:** As originally packaged by Dexsil Corporation, packaging conforms to conditions and limitations specified in 49 CFR 173.4b De minimis Exceptions.

**IATA**  
**Proper Shipping Name:** Kits are shipped as De Minimis Quantities under IATA 2.6.10

## **SECTION 15 — REGULATORY INFORMATION**

### **United States Regulatory Information**

**SARA Listed:** No  
**TSCA Inventory Items:** Hexanes  
**CERCLA Listed:** No

## **SECTION 16 — OTHER INFORMATION**

The full text of the phrases appearing in section 3 is:  
H225 Highly flammable liquid and vapor.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H336 May cause drowsiness and dizziness.  
H361f Suspected of damaging fertility.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.  
H401 Toxic to aquatic life.

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, IT'S 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.*

**Date Prepared:** 06-10-2021 Revision 10