

# Material Safety Data Sheet

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

## WATER/WIPE REFILL CHEMICALS FOR THE L2000DX CHLORIDE ANALYZER

### 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) 527-3887

**Date Prepared:** 12-10-2014  
**Date Reviewed:** 12-10-2014

**Telephone Number:** (203) 288-3509  
**Email:** [info@dexsil.com](mailto:info@dexsil.com)

**Product Description:** The L2000DX product line is a field test kit for quantitative determining PCBs and chlorinated organics in dielectric fluid, soil samples, water samples and wipes.

### SECTION 2 – HAZARDS IDENTIFICATION

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

<b>Rinse</b>			
Skin Sens. 1;H317	May cause an allergic skin reaction.	Carc. 1A;H350	May cause cancer.
<b>Extract</b>			
Skin Irrit. 2;H315	Causes skin irritation.	Skin Sens. 1;H317	May cause an allergic skin reaction.
Eye Dam. 1;H318	Causes serious eye damage.		
<b>Calibration</b>			
Skin Sens. 1;H317	May cause an allergic skin reaction.	Carc. 1A;H350	May cause cancer.
<b>Filling solution</b>			
Ox. Sol. 2;H272	May intensify fire; oxidizer.	Eye Irrit. 2;H319	Causes serious eye irritation.
Skin Irrit. 2;H315	Causes skin irritation.		
<b>Ampule 1 (grey, yellow dot)</b>			
Combustible Liquid;H227	Combustible Liquid.	Acute Tox. 4;H332	Harmful if inhaled.
Water-react. 1;H260	In contact with water releases flammable gases which may ignite spontaneously.	Skin Corr. 1B;H314	Causes severe skin burns and eye damage.
Acute Tox. 5;H313	May be harmful in contact with skin. (Not adopted by US OSHA)	Eye Dam. 1;H318	Causes serious eye damage.
<b>Ampule 2 (blue dot)</b>			
Flam. Liq. 3;H226	Flammable liquid and vapor.	Repr. 1B;H360FD	May damage fertility. May damage the unborn child.
Acute Tox. 4;H302	Harmful if swallowed.		
Acute Tox. 2;H330	Fatal if inhaled.	Aquatic Chronic 1;H410	Very toxic to aquatic life with long lasting effects.
Carc. 2;H351	Suspected of causing cancer.		
<b>Water wipe extract solution</b>			
Flam. Liq. 2;H225	Highly Flammable liquid and vapor.	Eye Dam. 1;H318	Causes serious eye damage.
Skin Corr. 1B;H314	Causes severe skin burns and eye damage.	STOT SE 3;H336	May cause drowsiness or dizziness.
<b>Hexane ampule</b>			
Flammable liquids (Category 2), H225		Aspiration hazard (Category 1), H304	
Skin irritation (Category 2), H315		Acute aquatic toxicity (Category 2), H401	
Reproductive toxicity (Category 2), H361		Chronic aquatic toxicity (Category 2), H411	
Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336		For the full text of the H-Statements mentioned in this Section,	
Specific target organ toxicity - repeated exposure, Oral (Category 2), Nervous system, H373			

## 2.2. Label elements

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### Rinse



#### Danger

H317 May cause an allergic skin reaction.  
H350 May cause cancer.

#### [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.  
P272 Contaminated work clothing should not be allowed out of the

workplace.  
P280 Wear protective gloves / eye protection / face protection.

#### [Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P308+313 IF exposed or concerned: Get medical advice / attention.  
P321 Specific treatment (see information on this label).  
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.  
P363 Wash contaminated clothing before reuse.

#### [Storage]:

P405 Store locked up.

#### [Disposal]:

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

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### Extract



#### Danger

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.

#### [Prevention]:

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.  
P264 Wash thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves / eye protection / face protection.

#### [Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P310 Immediately call a POISON CENTER or doctor / physician.  
P313 Get medical advice / attention.  
P321 Specific treatment (see information on this label).  
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.  
P362 Take off contaminated clothing and wash before reuse.  
P363 Wash contaminated clothing before reuse.

#### [Storage]:

No GHS storage statements

#### [Disposal]:

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

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### Calibration



#### Danger

H317 May cause an allergic skin reaction.  
H350 May cause cancer.

#### [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.  
P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

#### [Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P308+313 IF exposed or concerned: Get medical advice / attention.  
P321 Specific treatment (see information on this label).  
P333+313 If skin irritation or a rash occurs: Get medical advice / attention.  
P363 Wash contaminated clothing before reuse.

#### [Storage]:

P405 Store locked up.

#### [Disposal]:

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

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## Filling Solution



### Danger

H272 May intensify fire; oxidizer.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

#### [Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.  
P220 Keep / Store away from clothing combustible materials.  
P221 Take any precaution to avoid mixing with combustibles.  
P264 Wash thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

#### [Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.  
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P321 Specific treatment (see information on this label).  
P337+313 If eye irritation persists: Get medical advice / attention.  
P362 Take off contaminated clothing and wash before reuse.  
P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

#### [Storage]:

No GHS storage statements

#### [Disposal]:

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

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## Ampule 1 (grey, yellow dot)



### Danger

H227 Combustible liquid.  
H260 In contact with water releases flammable gases which may ignite spontaneously.  
H313 May be harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.

#### [Prevention]:

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.  
P223 Keep away from any possible contact with water, because of violent reaction and possible flash fire.  
P231+232 Handle under inert gas. Protect from moisture.  
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.  
P262 Do not get in eyes, on skin, or on clothing.  
P264 Wash thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves / eye protection / face protection.

#### [Response]:

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.  
P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.  
P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.  
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P310 Immediately call a POISON CENTER or doctor / physician.  
P331 Do NOT induce vomiting.  
P335+334 Brush off loose particles from skin. Immerse in cool water / wrap in wet bandages.  
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P363 Wash contaminated clothing before reuse.  
P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

#### [Storage]:

P402+404 Store in a dry place. Store in a closed container.  
P403+235 Store in a well ventilated place. Keep cool.  
P405 Store locked up.

#### [Disposal]:

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

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## Ampule 2 (blue dot)



### Danger

H226 Flammable liquid and vapor.  
H302 Harmful if swallowed.  
H330 Fatal if inhaled.  
H351 Suspected of causing cancer.  
H360FD\* May damage fertility. May damage the unborn child.  
H410 Very 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.  
P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.  
P241 Use explosion-proof electrical / ventilating / light / equipment.  
P260 Do not breathe mist / vapors / spray.  
P264 Wash thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P284 Wear respiratory protection.

**[Response]:**

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

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.

P320 Specific treatment is urgent (see information on

this label).

P330 Rinse mouth.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

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.

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**Water wipe extract mixture (Isooctane)**



**Danger**

H225 Highly flammable liquid and vapor.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H336 May cause drowsiness and dizziness.

**[Prevention]:**

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P241 Use explosion-proof electrical / ventilating / light / equipment.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce

vomiting.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P363 Wash contaminated clothing before reuse.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

**[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.

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**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.

**[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.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

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**

A Water Refill for the L2000DX Chloride Analyzer consist of four different solutions in polyethylene bottles and polyethylene test tube containing two glass ampules, each containing different reagents and an additional vial of extraction solvent. A Wipe Refill contains an additional glass break-top ampule of solvent.

Component	Contents	CAS#	EC#	GHS Classification	% liquid
Rinse	Sulfuric Acid	7664-93-9	231-639-5	Skin Corr. 1A;H314	0.17%
				Ox. Sol. 2;H272	
				Acute Tox. 4;H302	
				Skin Irrit. 2;H315	
	Nickel Nitrate	13478-00-7	NA	Skin Sens. 1;H317	0.01%
				Eye Dam. 1;H318	
				Acute Tox. 4;H332	
				Resp. Sens. 1;H334	
				Muta. 2;H341	
				Carc. 1A;H350	
				Repr. 1B;H360	
				STOT RE 1;H372	
				Aquatic Acute 1;H400	
				Aquatic Chronic 1;H410	
	in water	7732-18-5	231-791-2		30.57%
Extract	Sulfuric Acid	7664-93-9	231-639-5	Skin Corr. 1A;H314	0.91%
				Ox. Sol. 2;H272	
				Acute Tox. 4;H302	
				Skin Irrit. 2;H315	
	Nickel Nitrate	13478-00-7	NA	Skin Sens. 1;H317	0.01%
				Eye Dam. 1;H318	
				Acute Tox. 4;H332	
				Resp. Sens. 1;H334	
				Muta. 2;H341	
				Carc. 1A;H350	
				Repr. 1B;H360	
				STOT RE 1;H372	
				Aquatic Acute 1;H400	
				Aquatic Chronic 1;H410	
	in water	7732-18-5	231-791-2		29.83%

Component	Contents	CAS#	EC#	GHS Classification	% liquid
Calibration	Sulfuric Acid	7664-93-9	231-639-5	Skin Corr. 1A;H314 Ox. Sol. 2;H272 Acute Tox. 4;H302 Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Dam. 1;H318 Acute Tox. 4;H332	0.17%
	Nickel Nitrate	13478-00-7	NA	Resp. Sens. 1;H334 Muta. 2;H341 Carc. 1A;H350 Repr. 1B;H360 STOT RE 1;H372 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	0.01%
	in water	7732-18-5	231-791-2		30.57%
Filling Solution	Potassium Nitrate	7757-79-1	231-818-8	Ox. Sol. 2;H272 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335	0.68%
	in water	7732-18-5	231-791-2	---	6.08%
Ampule 1 (grey, yellow dot)	Sodium	7440-23-5	231-132-9	WaterReact. 1;H260 Skin Corr. 1B;H314 Asp. Tox. 1;H304 Acute Tox. 4;H332	0.01%
	dispersed in oil	64742-46-7	265-148-2	Skin Irrit. 2;H315	0.03%
Ampule 2 (blue dot)	Naphthalene in	91-20-3	202-049-5	Carc. 2;H351 Acute Tox. 4;H302 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	0.01%
	Diglyme Solution	111-96-6	203-924-4	Flam. Liq. 3;H226 Repr. 1B;H360FD	0.01%
Water/wipe extract mixture	isooctane	540-84-1	208-759-1	Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	0.78%
"Hexane" Ampule	Hexane	110-54-3	203-777-6	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	0.15%
					100.00%

## **SECTION 4 — FIRST AID MEASURES**

### **First Aid**

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

### **Eye Contact**

For all kit components, flush eyes with large amounts of water for 15 minutes. Seek medical attention.

### **Skin contact**

Flush with large amounts of water. Use soap and water to wash away organic components.

### **Inhalation**

In case of inhalation, remove to fresh air.

**Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

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

<b>Flash Point</b>	Rinse Solution	None	None
	Extract Solution	None	None
	Calibration Solution	None	None
	Filling Solution	None	None
	Ampule 1	143.6°F	62°C
	Ampule 2	135°F	57.2°C
	Water/wipe extract sol'n	10°F	-12.2°C
	Hexane solvent	-10°F	-23.3°C

**Flammable Limit** Unknown

**Extinguishing Media** DO NOT USE WATER ON A SODIUM FIRE. Dry chemical, foam, CO<sub>2</sub>

**Special Fire Fighting Procedures** Do not use water. Wear SCBA. Avoid breathing sodium oxide fumes that will form on combustion.

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

**Personal Protection** Chemical safety glasses and rubber gloves

**Spills and Leaks** *Rinse, Extract, Calibration & Filing Solutions*  
Mop up thoroughly and rinse with clean water. Treat as an acid spill.

*Ampule 1 - Sodium Ampule*

Cover with dry soda ash or salt. Store in a well-ventilated area away from moisture.

*Ampule 2 - Naphthalene/Diglyme Ampule*

Absorb completely and dispose of as organic waste.

*Water/Wipe Ext. Mixture & Hexane Solvent*

Shut off all sources of ignition. Absorb completely and dispose of as organic waste.

## **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. Check expiration date prior to performing test.

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

<b>Engineering Controls</b>	None required
<b>Personal Protective Equipment (PPE)</b>	
<b>Respiratory protection</b>	None required during normal use.
<b>Ventilation</b>	Perform test only in a well-ventilated area.
<b>Hand Protection</b>	Always wear rubber gloves when performing the L2000 test. Viton gloves are recommended for use with PCB's.
<b>Eye protection</b>	Wear safety glasses.
<b>General Hygiene Measures</b>	Avoid contact with skin, eyes and clothing. Wash hands after running tests.

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

<b><u>Property</u></b>	<b><u>Rinse</u></b>	<b><u>Calib.</u></b>	<b><u>Extract</u></b>	<b><u>Filing</u></b>	<b><u>Ampule 1</u></b>	<b><u>Ampule 2</u></b>	<b><u>Ext. Mix.</u></b>	<b><u>Hex. Solvent</u></b>
<b>Boiling Pt. °C</b>	110	110	110	108	N/A	168	99	69
<b>Vapor Pressure mm Hg @ 21°C</b>	18	18	18	18	N/A	1.7	41	130
<b>Solubility in Water</b>	inf.	Inf.	inf.	inf.	reacts	75%	0.003%	<0.1%
<b>Specific Gravity</b>	1.04	1.04	1.04	1.02	0.86	0.95	0.692	0.66
<b>Percent Volatile</b>	90	90	90	90	none	100	100	100
<b>Evaporation Rate Butyl Acetate =1</b>	<0.01	<0.01	<0.01	<0.01	N/A	0.36	<1 (Ether-1)	9
<b>Appearance</b>	green	green	green	colorless	gray	colorless	colorless	colorless
<b>Odor</b>	none	none	none	none	none	ether-like	hydrocarbon	faint hydrocarbon

N/A = not available

## **SECTION 10 — REACTIVITY DATA**

<b>Chemical Stability</b>	All components are stable under recommended storage conditions.
<b>Conditions to Avoid</b>	Do not expose broken sodium ampule to moisture. Keep from strong oxidizers.
<b>Hazardous Decomposition Products</b>	Sodium will form hydrogen and sodium oxide when moisture is present. Diglyme may form peroxides on exposure to air. Other solutions are stable.
<b>Hazardous Polymerization</b>	Will not occur.



## SECTION 11 – TOXICOLOGICAL INFORMATION

### Carcinogenicity

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

Hexane Solvent affects the central and peripheral nervous systems. Diglyme may cause teratogenic or mutagenic effects and cause harm to the unborn child.

### Toxicity Data

<u>Component</u>	<u>Contents</u>	<u>TLV/(PEL)</u>
"Rinse"	[Sulfuric Acid]/Nickel Nitrate in water	[1 mg/m <sup>3</sup> /(<0.1 mg/m <sup>3</sup> )]
"Extract"	[Sulfuric Acid]/Nickel Nitrate in water	[1 mg/m <sup>3</sup> /(<0.1 mg/m <sup>3</sup> )]
"Calibration"	[Sulfuric Acid]/Nickel Nitrate in water	[1 mg/m <sup>3</sup> /(<0.1 mg/m <sup>3</sup> )]
"Filling Sol'n"	[Potassium Nitrate] in water	N/A
Ampule 1 (gray color, yellow dot)	[Sodium] dispersed in oil	[2 mg/m <sup>3</sup> /(2 mg/m <sup>3</sup> )]
Ampule 2 (blue-dot)	[Naphthalene] in Diglyme Sol'n	[50 mg/m <sup>3</sup> /(50 mg/m <sup>3</sup> )] 5ppm
"Water/Wipe Ext. Mixture"	[Isooctane]	N/A
"Hexane Solvent"	Hexane	1800 mg/m <sup>3</sup> /(1800 mg/m <sup>3</sup> )

## SECTION 12 – ECOLOGICAL INFORMATION

**Naphthalene:** Ecotoxicity in water (LC50): 305.2 ppm 96 hour(s) [Trout].

## SECTION 13 – DISPOSAL CONSIDERATIONS

### Rinse, Extract, Calibration and Filling Solution

Small quantities can be flushed away. Check federal, state and local environmental regulation for disposal of larger quantities of aqueous chemicals that contain nickel nitrate.

### Water/Wipe Extract Mixture & Hexane Solvent

Dispose of as an organic waste in accordance with all applicable federal, state and local environmental regulations.

### Test Tube 1

Contents include reacted oil or soil sample extract, organic liquid and may contain PCB's. Dispose of as organic waste in accordance with all applicable federal, state and local environmental regulations. May contain PCB"

## SECTION 14 – TRANSPORTATION INFORMATION

<b>DOT</b>			
<b>Proper Shipping Name:</b>	None		
<b>Domestic Highway or Rail Transport Only:</b>	As originally packaged by Dexsil Corporation, under Competent Authority Approval CA-1996100010, packages are approved for transportation by domestic highway or rail transport only. Packaging conforms to conditions and limitations specified in 49 CFR 173.4.		
<b>IATA</b>			
<b>Proper Shipping Name:</b>	Alkali Metal Dispersion	Octanes	Corrosive liquid, acidic, inorganic, n.o.s. (sulfuric acid solution)
<b>UN Number:</b>	1391	1262	3264
<b>Hazard Class:</b>	4.3	3	8
<b>Packing Group</b>	I	II	III

**NOTE:** UN1391 materials are packaged separately from UN 3264 materials.

## **SECTION 15 — REGULATORY INFORMATION**

### **United States Regulatory Information**

**SARA Listed:** Naphthalene/diglyme component, methanol and nickel nitrate are identified on SARA Sec. 313.

**TSCA Inventory Items:** Naphthalene/diglyme component, methanol and nickel nitrate.

**CERCLA Listed:** Naphthalene, methanol and nickel nitrate.

**EINECS:** Components of this product are on the European Inventory of Existing Commercial Chemical Substances.

## **SECTION 16 — OTHER INFORMATION**

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.  
H226 Flammable liquid and vapor.  
H260 In contact with water releases flammable gases which may ignite spontaneously.  
H272 May intensify fire; oxidizer.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H334 May cause allergic or asthmatic symptoms or breathing difficulties if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness and dizziness.  
H341 Suspected of causing genetic defects.  
H350 May cause cancer.  
H351 Suspected of causing cancer.  
H360 May damage fertility or the unborn child.  
H360FD May damage fertility. Suspected of damaging the unborn child.  
H361f Suspected of damaging fertility.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.

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 IT'S 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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