

**OXSILAN® 9810/2**

Version 1.1  
Revision Date 12/07/2009

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**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : OXSILAN® 9810/2  
MSDS Number : REL\_11402  
  
Company : Chemetall US, Inc.  
675 Central Avenue  
New Providence, NJ 07974  
  
Telephone : +18005264473  
Telefax : +19084644658  
Emergency telephone no : CHEMTREC - 800-424-9300

**SECTION 2. HAZARDOUS COMPONENTS INFORMATION**

Component	CAS-No.	Weight %
Trade Secret Registry	735517-5062P	1.00 - 5.00
Ethanol	64-17-5	1.00 - 5.00
Nitric acid	7697-37-2	1.00 - 5.00

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29CFR 1910.1200).

**SECTION 3. HAZARDS IDENTIFICATION****Emergency Overview**

Form : liquid  
Colour : colourless  
Odour : characteristic  
Hazard Summary : Combustible material Causes severe burns. Also harmful by inhalation and if swallowed.

Route(s) of Entry	Inhalation	Skin	Ingestion
	yes	yes	yes

Carcinogenicity:

NTP No substance in this product is listed by NTP as a carcinogen  
IARC No substance in this product is listed by IARC as a carcinogen  
OSHA No substance in this product is regulated by OSHA as a carcinogen

**SECTION 4. FIRST AID MEASURES**

Inhalation : Remove to fresh air. If symptoms persist, call a physician. If breathing is irregular or stopped, administer artificial

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respiration.

- Skin contact : Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and shoes immediately. Get medical attention immediately if irritation develops and persists
- Eye contact : Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Get medical attention immediately
- Ingestion : Rinse mouth. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately

**SECTION 5. FIRE-FIGHTING MEASURES**

- Flash point : > 62.2 °C (> 144.0 °F)
- Lower explosion limit : Note: not applicable
- Upper explosion limit : Note: Not applicable.
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Methods for cleaning up : Clean up promptly by scoop or vacuum. Keep in suitable, closed containers for disposal. Flush with plenty of water.
- Additional advice : Never return spills in original containers for re-use.

**SECTION 7. HANDLING AND STORAGE****Storage**

- Requirements for storage areas and containers : Do not store above 105 F. Keep containers tightly closed in a cool, well-ventilated place.

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Component	ACGIH TLV (TWA)	OSHA PEL (TWA)
Trade Secret Registry	N.D.	N.D.
Ethanol	1,884 mg/m3 N.D.	N.D.
Nitric acid	5.2 mg/m3 N.D.	5 mg/m3 N.D.

Eye protection : Tightly fitting safety goggles

Hand protection : Impervious gloves

Skin and body protection : protective suit

Respiratory protection : If the occupational exposure limits cannot be met, suitable respirator equipment should be worn.

Hygiene measures : Avoid contact with skin, eyes and clothing.  
Wear suitable gloves and eye/face protection.  
Wear suitable protective clothing.  
Wash hands before breaks and immediately after handling the product.  
Provide adequate ventilation.  
Do not inhale fumes.  
Keep away from food and drink.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

pH : 2.5 - 3.5

Freezing point : 0 °C (32 °F)

Boiling point/boiling range : Note: no data available

Vapour pressure : Note: no data available

Bulk density : 8.345 lb/gal

Water solubility : Note: completely soluble

Partition coefficient: n-octanol/water : Note: no data available

Percent of Volatile by Weight excluding water : 1.8

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Relative density : 1.0  
Evaporation rate : Note: (Water =1) Less than 1

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid : Direct sources of heat.  
Materials to avoid : Bases  
Warning! Do not use together with other products. May release dangerous gases (chlorine).  
Hazardous decomposition products : Carbon oxides  
Nitrogen Oxides

**SECTION 11. TOXICOLOGICAL INFORMATION**

Toxicity: : Mixture; Not Determined.

**Acute oral toxicity**  
Ethanol : LD50, rat  
Dose: 7,060 mg/kg

**SECTION 12. ECOLOGICAL INFORMATION**

Not Available

**SECTION 13. DISPOSAL CONSIDERATIONS**

Advice on Disposal : Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

**SECTION 14. TRANSPORT INFORMATION**

Refer to Bill of Lading.

**SECTION 15. REGULATORY INFORMATION**

**TSCA Status** : All components of this material comply with US TSCA

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requirements.

<b>SARA 313 Components</b>	:	Nitric acid	CAS-No. 7697-37-2
<b>SARA 313 Components</b>	:	N.D.	
<b>CERCLA Reportable Quantity</b>	:	Nitric acid	1,000 Pounds
<b>California Prop. 65</b>	:	N.D	
<b>NFPA</b>	:	3 2 0 Corrosive Acid	
<b>HMIS</b>	:	3 2 0 J	
<b>WHMIS</b>	:	E: Corrosive Material B3: Combustible Liquid	

**SECTION 16. OTHER INFORMATION****Further information**

Chemetall US, Inc. warrants that the products described herein will conform with its published specifications. The products supplied by Chemetall and information related to them are intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of the Chemetall materials for their own particular purpose. Since buyer's conditions of use of products are beyond Chemetall's control, Chemetall does not warrant any recommendations and information for the use of such products. CHEMETALL DISCLAIMS ALL OTHER WARRANTIES INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH THE USE OF ITS PRODUCTS.