



## SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

### Section 1: Product and Company Identification

Product Name: **Radnor Penetrant Water Washable**  
Product Identifier: Water Washable Penetrant  
Product Use: NDT Dye Penetrant  
Item Code(s): 64000203  
SDS Code: 043R  
Supplier: Radnor  
Physical Address: 259 North Radnor - Chester Road - Suite 100  
Radnor, PA, 19087-5283  
866-734-3438  
Emergency Phone:  
Date of Preparation: March 24  
OSHA Regulatory Status: Regulated  
WHMIS Classification: Hazardous / Regulated

### Section 2: Hazards Identification

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: This SDS has been developed for sample purposes only. Classification(s) may change after final sample approval. \*\*\* This SDS has been developed while waiting for a Flame Ignition Test to be performed. Flammability classification may change after Flame Ignition Testing has been performed.

Skin corrosion/irritation	Category 2
Carcinogenicity	Category 2
Aspiration toxicity	Category 1
Flammable Aerosols	Category 1
Gases under pressure	Compressed Gas

#### Label Elements

DANGER



#### Hazard Statements

H315	Causes skin irritation.
H351	Suspected of causing cancer.
H304	May be fatal if swallowed and enters airways.
H222	Extremely Flammable Aerosol
H280	Contains gas under pressure; may explode if heated

### Precautionary Statements - Prevention

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
P264	Wash face, hands and any exposed skin thoroughly after handling.
P210	Keep away from heat, sparks, open flames, hot surfaces - No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.

### Precautionary Statements - Response

P308 + P313	If exposed or concerned: Get medical advice, attention.
P321	Specific treatment (see first aid on this label).
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P332 + P313	If skin irritation occurs: Get medical advice, attention.
P362	Take off contaminated clothing and wash it before reuse.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER, doctor, physician.
P331	Do NOT induce vomiting.

### Precautionary Statements - Storage

P405	Store locked up.
P410 + P403	Protect from sunlight. Store in a well-ventilated place
P412	Do not expose to temperatures exceeding 122°F (50°C)

### Precautionary Statements - Disposal

P501	Dispose of contents, container to an approved waste disposal plant.
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OTHER INFORMATION: 0% of the mixture consists of ingredient(s) of unknown toxicity.

## Section 3: Composition and Information on Ingredients

### SUBSTANCES:

Chemical Name	CAS-No	Weight %*
SOLVENT NAPHTHA	64742-94-5	50-60
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	20-30
NONYLPHENOXYPOLYETHOXYETHANOL	127087-87-0	1-10
NAPHTHALENE	91-20-3	1-10
PSEUDOCUMENE	95-63-6	1-10
XYLENE	1330-20-7	<1
ETHYLENE OXIDE	75-21-8	<0.0001

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

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## Section 4: First Aid Measures

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### First aid measures for different exposure routes

GENERAL ADVICE: Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, mist, or gas.

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing. If eye irritation persists, consult a doctor.

SKIN CONTACT: Wash off with soap and plenty of water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

INHALATION: Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.

INGESTION: Call a physician or Poison Control Center immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

PROTECTION OF FIRST-AIDERS: Remove all sources of ignition.

### Most important symptoms/effects, acute and delayed

MAIN SYMPTOMS: Causes skin irritation. Suspected of causing cancer. May be fatal if swallowed and enters airways.

### Indication of immediate medical attention and special treatment needed, if necessary

NOTES TO PHYSICIAN: Treat symptomatically.

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## Section 5: Fire Fighting Measures

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SUITABLE EXTINGUISHING MEDIA: Water fog. Dry chemical. Foam. Carbon dioxide (CO<sub>2</sub>). Cool containers/tanks with water spray.

UNSUITABLE EXTINGUISHING MEDIA: Do not use a solid water stream as it may scatter and spread fire. Keep away from sources of ignition - No smoking.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Extremely Flammable / Flammable. Keep product and empty container away from heat and sources of ignition. In the event of fire and/or explosion do not breathe fumes. In the event of fire, cool tanks with water spray.

SENSITIVITY TO MECHANICAL IMPACT: none.

SENSITIVITY TO STATIC DISCHARGE: Yes

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers. In the event of fire and/or explosion do not breathe fumes.

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## Section 6: Accidental Release Measures

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### Personal precautions, protective equipment and emergency procedures

PERSONAL PRECAUTIONS: Use with adequate ventilation to keep the exposure levels below the OELS. Follow safe handling advice and personal protective equipment recommendations.

ENVIRONMENTAL PRECAUTIONS: Vapors can accumulate in low areas. Report spills as required by local and federal regulations. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system. Should not be released into the environment.

### Methods and materials for containment and cleaning up

METHODS FOR CONTAINMENT: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.

METHODS FOR CLEANING UP: Soak up with inert absorbent material. Contain liquid and collect with an inert, non-combustible material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Prevent product from entering drains. Take precautionary measures against static discharges.

## Section 7: Handling and Storage

### Precautions for safe handling

**ADVICE ON SAFE HANDLING:** Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Contents under pressure. Do not puncture or incinerate cans. Handle in accordance with good industrial hygiene and safety practice. Take precautionary measures against static discharges.

### Conditions for safe storage, including any incompatibilities

**TECHNICAL MEASURES/STORAGE CONDITIONS:** Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

**INCOMPATIBLE PRODUCTS:** Strong acids, alkalis, oxidizing agents.

**AEROSOL LEVEL:** 3

## Section 8: Exposure Controls / Personal Protection

### Control Parameters

**EXPOSURE GUIDELINES:**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	74-98-6: TWA: 1000 ppm 106-97-8: STEL: 1000 ppm 75-28-5: STEL: 1000 ppm	74-98-6:TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m <sup>3</sup> 106-97-8: (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	74-98-6:IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m <sup>3</sup> 106-97-8:TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup> 75-28-5:TWA: 800 ppm TWA: 1900 mg/m <sup>3</sup>
NAPHTHALENE 91-20-3	TWA: 10 ppm Skin - potential significant contribution to overall exposure by the cutaneous route	TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m <sup>3</sup> (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m <sup>3</sup>	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m <sup>3</sup> STEL: 15 ppm STEL: 75 mg/m <sup>3</sup>
PSEUDOCUMENE 95-63-6	-	-	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup>
XYLENE 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 655 mg/m <sup>3</sup>	Not Established
1,2,3-TRIMETHYLBENZENE 526-73-8	-	-	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup>
1,3,5-TRIMETHYLBENZENE 108-67-8	-	-	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup>
ETHYLENE OXIDE 75-21-8	TWA: 1 ppm	TWA: 1 ppm STEL: 5 ppm see 29 CFR 1910.1047	IDLH: 800 ppm Ceiling: 5 ppm 10 min/day Ceiling: 9 mg/m <sup>3</sup> 10 min/day TWA: 0.1 ppm less than stated value TWA: 0.18 mg/m <sup>3</sup> less than stated value

**ACGIH:** (American Conference of Governmental Industrial Hygienists)

**OSHA:** (Occupational Safety & Health Administration)

**NIOSH IDLH:** Immediately Dangerous to Life or Health

OTHER EXPOSURE GUIDELINES: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### **Exposure controls**

ENGINEERING MEASURES: Ventilation systems. Use adequate ventilation to keep the exposure levels below the occupational exposure limits. Showers, eyewash stations, and ventilation systems.

### **Individual protection measures, such as personal protective equipment**

EYE/FACE PROTECTION: Tightly fitting safety goggles. Face-shield. Safety glasses with side-shields.

SKIN AND BODY PROTECTION: Wear protective gloves and additional protective clothing as necessary to prevent exposures.

RESPIRATORY PROTECTION: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

HYGIENE MEASURES: Handle in accordance with good industrial hygiene and safety practice.

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## **Section 9: Physical and Chemical Properties**

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<u>PHYSICAL STATE:</u>	Aerosol
<u>COLOR:</u>	Red
<u>ODOR:</u>	Solvent
<u>pH:</u>	No information available
<u>MELTING/FREEZING POINT:</u>	No information available
<u>BOILING POINT/BOILING RANGE:</u>	
<u>FLASH POINT:</u>	-96.4 °C / -141 °F (Based on propellant)
<u>EVAPORATION RATE:</u>	No information available
<u>FLAMMABILITY (SOLID, GAS):</u>	No information available
<u>FLAMMABILITY LIMITS IN AIR:</u>	
upper flammability limit	
lower flammability limit	
<u>Vapor pressure:</u>	
<u>Vapor density:</u>	
<u>Specific Gravity:</u>	0.797
<u>Water solubility:</u>	No information available
<u>Partition coefficient: n-octanol/water:</u>	
<u>Autoignition temperature:</u>	No information available
<u>Decomposition temperature:</u>	
<u>Viscosity:</u>	No information available
<u>Explosive properties:</u>	
<b>Other information</b>	
<u>VOC Content(%):</u>	93.85

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## **Section 10: Stability and Reactivity**

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REACTIVITY: Stable under recommended storage conditions.

CHEMICAL STABILITY: Stable under recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: None under normal processing.

CONDITIONS TO AVOID: Extremes of temperature and direct sunlight.

INCOMPATIBLE MATERIALS: Strong acids, alkalis, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides , Hydrocarbons, Fumes.

## Section 11: Toxicological Information

### Information on likely routes of exposure

**INHALATION:** Respiratory irritation may occur if excessive exposure to product by inhalation.

**EYE CONTACT:** Eye irritation may occur if excessive exposure to product occurs.

**SKIN CONTACT:** Causes skin irritation.

**INGESTION:** May be harmful if swallowed and enters airways.

### Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
SOLVENT NAPHTHA 64742-94-5	> 5000 mg/kg ( Rat )	> 2 mL/kg ( Rabbit )	> 590 mg/m <sup>3</sup> ( Rat ) 4 h
NONYLPHENOXYPOLYETHOXYETHANOL 127087-87-0	= 1310 mg/kg ( Rat )	-	-
NAPHTHALENE 91-20-3	= 1110 mg/kg ( Rat )	= 1120 mg/kg ( Rabbit )	> 340 mg/m <sup>3</sup> ( Rat ) 1 h
PSEUDOCUMENE 95-63-6	= 3280 mg/kg ( Rat )	> 3160 mg/kg ( Rabbit )	= 18 g/m <sup>3</sup> ( Rat ) 4 h
XYLENE 1330-20-7	= 3500 mg/kg ( Rat )	> 4350 mg/kg ( Rabbit )	= 29.08 mg/L ( Rat ) 4 h
ETHYLEN OXIDE 75-21-8	= 72 mg/kg ( Rat )	-	= 800 ppm ( Rat ) 4 h

### Information on toxicological effects

**SYMPTOMS:** Causes skin irritation. Suspected of causing cancer. May be fatal if swallowed and enters airways.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**SKIN CORROSION/IRRITATION:** Irritating to skin.

**SENSITIZATION:** Not a known sensitizer.

**GERM CELL MUTAGENICITY:** Not a germ cell mutagen.

**CARCINOGENICITY:** The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
NAPHTHALENE 91-20-3	A3	Group 2B	Reasonably Anticipated	X
XYLENE 1330-20-7	-	Group 3	-	-
ETHYLENE OXIDE 75-21-8	A2	Group 1	Known	X

### **ACGIH: (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

### **IARC: (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

### **NTP: (National Toxicity Program)**

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

### **OSHA: (Occupational Safety & Health Administration)**

X - Present

**REPRODUCTIVE TOXICITY:** This product does not contain any known or suspected reproductive hazards.

**SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE):**

No known effect based on information supplied.

**SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE):**

No known effect based on information supplied.

**CHRONIC TOXICITY:** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest.

**TARGET ORGAN EFFECTS:** No known effects under normal use conditions.

**NEUROLOGICAL EFFECTS:** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

**ASPIRATION HAZARD:** May be fatal if swallowed and enters airways.

### Numerical measures of toxicity - Product Information

**UNKNOWN ACUTE TOXICITY:** 0% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral): 35196 mg/kg

ATEmix (inhalation-dust/mist): 79.3 mg/l

## Section 12: Ecological Information

### Ecotoxicity

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
SOLVENT NAPHTHA 64742-94-5	-	19 mg/L LC50 Pimephales promelas 96h static 2.34 mg/L LC50 Oncorhynchus mykiss 96h 1740 mg/L LC50 Lepomis macrochirus 96h static 45 mg/L LC50 Pimephales promelas 96h flow-through 41 mg/L LC50 Pimephales promelas 96h	-	0.95 mg/L EC50 Daphnia magna 48h
PROPANE/ISOBUTANE/ NBUTANE 68476-86-8	-	-	-	-
NAPHTHALENE 91-20-3	-	5.74 - 6.44 mg/L LC50 Pimephales promelas 96h flow-through 1.6 mg/L LC50 Oncorhynchus mykiss 96h flow-through 0.91 - 2.82 mg/L LC50 Oncorhynchus mykiss 96h static 1.99 mg/L LC50 Pimephales promelas 96h static 31.0265 mg/L LC50 Lepomis macrochirus 96h static	-	2.16 mg/L LC50 Daphnia magna 48h 1.96 mg/L EC50 Daphnia magna 48h Flow through 1.09 - 3.4 mg/L EC50 Daphnia magna 48h Static
PSEUDOCUMENE 95-63-6	-	7.19 - 8.28 mg/L LC50 Pimephales promelas 96h flow-through	-	6.14 mg/L EC50 Daphnia magna 48h

*Ecotoxicity table data continued on next page.*

Ecotoxicity table data continued from previous page.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
XYLENE 1330-20-7		13.4 mg/L LC50 Pimephales promelas 96h flow-through 2.661 - 4.093 mg/L LC50 Oncorhynchus mykiss 96h static 13.5 - 17.3 mg/L LC50 Oncorhynchus mykiss 96h 13.1 - 16.5 mg/L LC50 Lepomis macrochirus 96h flow-through 19 mg/L LC50 Lepomis macrochirus 96h 7.711 - 9.591 mg/L LC50 Lepomis macrochirus 96h static 23.53 - 29.97 mg/L LC50 Pimephales promelas 96h static 780 mg/L LC50 Cyprinus carpio 96h semi-static 780 mg/L LC50 Cyprinus carpio 96h 30.26 - 40.75 mg/L LC50 Poecilia reticulata 96h static	-	3.82 mg/L EC50 water flea 48h 0.6 mg/L LC50 Gammarus lacustris 48h
ETHYLENE OXIDE 75-21-8	-	73 - 96 mg/L LC50 Pimephales promelas 96h	-	137 - 300 mg/L LC50 Daphnia magna 48h

#### Bioaccumulation

Chemical Name	log Pow
SOLVENT NAPHTHA 64742-94-5	6.1
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	2.8
NAPHTHALENE 91-20-3	3.6
PSEUDOCUMENE 95-63-6	3.63
XYLENE 1330-20-7	3.15
ETHYLENE OXIDE 75-21-8	-0.3

OTHER ADVERSE EFFECTS: No information available

### Section 13: Disposal Considerations

**WASTE DISPOSAL METHODS:** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state, and local regulations. Dispose of contents/container in accordance with local regulation.

**CONTAMINATED PACKAGING:** Do not re-use empty containers.

## Section 14: Transportation Information

<b>DOT Ground</b>	CONSUMER COMMODITY ORM-D or LIMITED QUANTITY
<b>IATA</b>	UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD.QTY.
<b>IMDG</b>	UN1950, AEROSOLS, 2.1, LTD. QTY

## Section 15: Regulatory Information

### INTERNATIONAL INVENTORIES

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
SOLVENT NAPHTHA	X	X	X	Not Listed	X	X	X	X
PROPANE/ISOBUTA NE/N-BUTANE	X	X	X	X	X	X	X	X
NONYLPHENOXYPO LYETHOXYETHANOL	X	X	X	X	X	X	X	X
NAPHTHALENE	X	X	X	X	X	X	X	X
PSEUDOCUMENE	X	X	X	X	X	X	X	X
XYLENE	X	X	X	X	X	X	X	X
ETHYLENE OXIDE	X	X	X	X	X	X	X	X

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**CHINA** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### U.S. FEDERAL REGULATIONS

#### SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %*	SARA 313 - Threshold Values %
NONYLPHENOXYPOLYETHOXYETHANOL	127087-87-0	1-10	1.0
NAPHTHALENE	91-20-3	1-10	0.1
PSEUDOCUMENE	95-63-6	1-10	1.0
XYLENE	1330-20-7	<1	1.0
ETHYLENE OXIDE	75-21-8	<0.0001	0.1

**SARA 311/312 Hazard Categories:**

Acute Health Hazard	Yes
Chronic Health Star Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

**Clean Water Act:**

This product does contain the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
NAPHTHALENE 91-20-3	100 lb	X	X	X
XYLENE 1330-20-7	100 lb			X

**CERCLA:**

This material, as supplied, does contain substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
NAPHTHALENE 91-20-3	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
XYLENE 1330-20-7	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
ETHYLENE OXIDE 75-21-8	10 lb	10 lb	RQ 10 lb final RQ RQ 4.54 kg final RQ

**U.S. STATE REGULATIONS****California Proposition 65:**

This product contains the following Proposition 65 chemicals:



This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Chemical Name	California Prop. 65
NAPHTHALENE - 91-20-3	Cancer/ 1-10%
ETHYLENE OXIDE - 75-21-8	Carcinogen Developmental Female Reproductive Male Reproductive <0.0001%

**U.S. State Right-to-Know Regulations:**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
NAPHTHALENE 91-20-3	X	X	X
PSEUDOCUMENE 95-63-6	X	X	X
XYLENE 1330-20-7	X	X	X
1,3,5-TRIMETHYLBENZENE 108-67-8		X	
ETHYLENE OXIDE 75-21-8	X	X	X

**EPA Pesticide Registration Number:** Not applicable

**CANADA**

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.**

**Section 16: Other Information**

**NFPA**      **Health Hazard 2**      **Flammability 4**      **Instability 0**      **Physical and Chemical Hazards -**  
**HMIS**      **Health Hazard 2\***      **Flammability 4**      **Physical Hazard 1**      **Personal Protection B**

**Chronic Hazard Star Legend**

Chronic Health Star Hazard - Repeated or prolonged exposure may cause central nervous system damage

(0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:- Personal Protection Equipment Index recommendation, \*- Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association {for HMIS ratings).

N/E	Not Established
N/Av	Not Available
N/Ap	Not Applicable
IARC	International Agency for Research on Cancer
ACGIH	American Conference of Governmental Industrial Hygienists
NIOSH	National Institute for Occupational Health and Safety
TLV-TWA	Threshold Limit, Time Weighted Average
NAERG	North American Emergency Response Guidebook
WHMIS	Workplace Hazardous Materials Information System

This SDS format meets ANSI Z400.1-1998, OSHA 1910.1200 and WHMIS requirements. Radnor provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Product use and conditions of use are beyond the control of Radnor. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results is the responsibility of end-user. No other warranties, expressed or implied, are made.