

## 1 Identification of substance

### Product details

**Trade name:** Pieri Euro-Tard 125™

**MSDS ID Number:** D-06480

**Replaces MSDS ID Number:** D-06149

### Manufacturer/Supplier:

W.R. Grace & Co. -Conn.  
62 Whittemore Avenue  
Cambridge, MA 02140 USA

Grace Canada, Inc.  
294 Clements Road W.  
Ajax, Ontario L1S 3C6 Canada

[www.graceconstruction.com](http://www.graceconstruction.com)

### Information department:

Environmental Health & Safety  
USA: 1-617-876-1400 (24 hours)  
1-800-354-5414 (8AM - 5PM)

CAN: 1-905-683-8561 (24 hours)

**Transport Emergency:** Chemtrec 1-800-424-9300 (24 hours)

## 2 Composition/Data on components

### Chemical characterization

**Description:** Mixture of the substances listed below with nonhazardous additions.

#### Hazardous components:

64742-49-0	Naphtha (petroleum), hydrotreated light	Xn, F; R 11-52/53-65	20-30%
61791-53-5	N-oleylpropylene diamine dioleate	C, Xn, N; R 21/22-34-51/53	2.0-5.0%
8006-54-0	Lanolin	Xi; R 36	2.0-5.0%
64742-89-8	Solvent naphtha (petroleum), light aliphatic	Xn, F; R 11-65-67	5.0-10.0%
77-92-9	Citric acid	Xi; R 36	5.0-10.0%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

## 3 Hazards identification

### Hazard description:

Xn Harmful

F Highly flammable

N Dangerous for the environment

### Information pertaining to particular dangers for man and environment:

Review information in this MSDS and product label prior to use.

Highly flammable.

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Reviewed on 01/21/2009

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Harmful by inhalation.

Irritating to eyes, respiratory system and skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Harmful: may cause lung damage if swallowed.

## Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

### NFPA ratings (scale 0 - 4)



Health = 2

Fire = 3

Reactivity = 0

### HMIS-ratings (scale 0 - 4)



Health = \*2

Fire = 3

Reactivity = 0

## 4 First aid measures

### General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

### After inhalation:

If symptoms develop, supply fresh air. If required, provide artificial respiration and seek immediate medical treatment.

### After skin contact:

Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.

If skin irritation continues, consult a doctor.

### After eye contact:

Rinse opened eye for several minutes under running water.

Seek immediate medical advice.

**After swallowing:** Do not induce vomiting; immediately call for medical help.

## 5 Fire fighting measures

**Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

### Additional information

Cool endangered receptacles with water spray.

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Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6 Accidental release measures

**Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

**Measures for environmental protection:** Prevent seepage into sewage system, workpits and cellars.

**Measures for cleaning/collecting:**

Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.

Sweep up spilled product into receptacles.

Dispose contaminated material as waste according to section 13 of the MSDS.

**Additional information:**

Oil spills released directly to waterways may be subject to National Response Center reporting (1-800-424-8802).

Contact your company's environmental coordinator.

## 7 Handling and storage

**Handling:**

**Information for safe handling:**

Open and handle receptacle with care.

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

**Information about protection against explosions and fires:**



Keep ignition sources away - Do not smoke.

Use only in explosion protected area.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

Empty containers may retain hazardous residue, both liquid and vapor. Do not cut, drill, grind or weld on or near container, whether empty or full.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Use only with adequate ventilation. Forced ventilation is necessary in pits and poorly ventilated areas.

**Storage:**

**Requirements to be met by storerooms and receptacles:** Store in a cool location.

**Information about storage in one common storage facility:**

Keep ignition sources away - Do not smoke.

Use only in explosion protected area.

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**Trade name: Pieri Euro-Tard 125™**

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Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

**Further information about storage conditions:** None.

## 8 Exposure controls and personal protection

**Additional information about design of technical systems:** No further data; see item 7.

### Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists that were valid during the creation were used as basis.

### Personal protective equipment:

#### General protective and hygienic measures:

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

#### Breathing equipment:

A chemical cartridge respirator with organic vapor cartridge is required. A dust/mist cartridge or prefilter may be needed in addition to control exposure to mist. Supplied air respirator (SCBA) is required at exposure levels above the capabilities of a chemical cartridge respirator.

#### Protection of hands:



Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

#### Material of gloves

Gloves should be impermeable and resistant to the product. Selection of material should be considered before use.

#### Eye protection:



Tightly sealed goggles

#### Face protection

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.

**Body protection:** Protective work clothing

## 9 Physical and chemical properties

### General Information

**Form:**

Liquid

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**Color:** According to product specification**Odor:** Characteristic**Change in condition****Melting point/Melting range:** Undetermined.**Boiling point/Boiling range:** 143°C (289°F)**Flash point:** 6°C (43°F)**Ignition temperature:** 370.0°C (698°F)**Auto igniting:** Product is not selfigniting.**Danger of explosion:** In use, may form flammable/explosive vapor-air mixture.**VOC Content (max):** 31.00 %**Density at 20°C (68°F):** 1.06700 g/cm<sup>3</sup>**10 Stability and reactivity****Thermal decomposition:** No decomposition if used according to specifications.**Dangerous products of decomposition:**

Carbon monoxide and carbon dioxide

Hydrocarbons

Other potentially hazardous products may also be formed.

**Additional information:** See section 7 for information on handling, storage and conditions to be avoided.**11 Toxicological information****Acute toxicity:****LD/LC50 values relevant for classification:****65997-05-9 Rosin oligomers**

Oral LD50 &gt; 2000 mg/kg (rat)

**61791-53-5 N-oleylpropylene diamine dioleate**

Oral LD50 1500 mg/kg (rat)

**13463-67-7 Titanium dioxide**

Oral LD50 &gt; 10 000 mg/kg (rat)

Dermal LD50 &gt; 10 000 mg/kg (rabbit)

Inhalative LC50/4 h &gt; 6.82 mg/l (rat)

**8006-54-0 Lanolin**

Oral LD50 &gt; 2009 mg/kg (rat)

**7631-86-9 Silicon dioxide, amorphous, chemically prepared**

Oral LD50 10000 mg/kg (rat)

Dermal LD50 &gt; 5000 mg/kg (rabbit)

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Inhalative	LC50/4 h	0.139 mg/l (rat)
<b>77-92-9 Citric acid</b>		
Oral	LD50	6730 mg/kg (rat)

**Primary irritant effect:****on the skin:** Irritant to skin and mucous membranes.**on the eye:** Irritating effect.**Additional toxicological information:**

Harmful: may cause lung damage if swallowed.

Over exposure by inhalation may be fatal due to pulmonary edema (fluid in lungs). This material may be harmful or fatal if swallowed. Ingestion may result in vomiting. Aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis.

**12 Ecological information****Ecotoxicological effects:****Remark:** Toxic for fish**General notes:**

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

**13 Disposal considerations****Product:**

Comply with Federal, State and local regulations

Waste product is defined as hazardous by US EPA due to ignitability (D001).

**Uncleaned packagings:****Recommendation:** Disposal must be made according to official regulations.**14 Transport information****DOT regulations:****Hazard class:**

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Trade name: **Pieri Euro-Tard 125™**

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**Identification number:** UN1993  
**Packing group:** II  
**Proper shipping name (technical name):** FLAMMABLE LIQUID, N.O.S. (Solvent naphtha (petroleum), light aliphatic, Naphtha (petroleum), hydrotreated light)  
**Label** 3

**Land Transport ADR/RID (cross-border):**

**ADR/RID class:** 3 Flammable liquids  
**UN-Number:** 1993  
**Packaging group:** II  
**Label:** 3  
**Description of goods:** 1993 FLAMMABLE LIQUID, N.O.S. (Solvent naphtha (petroleum), light aliphatic, Naphtha (petroleum), hydrotreated light)

**Maritime Transport IMDG:**

**IMDG Class:** 3  
**UN Number:** 1993  
**Label** 3  
**Packaging group:** II  
**Marine pollutant:** No  
**Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (Solvent naphtha (petroleum), light aliphatic, Naphtha (petroleum), hydrotreated light)

**Air Transport ICAO-TI and IATA-DGR:**

**ICAO/IATA Class:** 3  
**UN/ID Number:** 1993  
**Label** 3  
**Packaging group:** II  
**Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (Solvent naphtha (petroleum), light aliphatic, Naphtha (petroleum), hydrotreated light)

**15 Regulations****SARA (Superfund Amendments and Reauthorization Act)****Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

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**Section 313 (specific toxic chemical listings):**

None of the ingredients is listed.

**Chemical Inventory Status****TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**CEPA (Canadian DSL):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**California Proposition 65****Chemicals known to cause cancer:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**WHMIS Classification(s):**

B2 - Flammable liquid

D2B - Toxic material causing other toxic effects

**Carcinogenicity Categories****EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

13463-67-7	Titanium dioxide	3
7631-86-9	Silicon dioxide, amorphous, chemically prepared	3

**NTP (National Toxicology Program)**

None of the ingredients is listed.

**TLV-ACGIH (Threshold Limit Value for Carcinogens established by ACGIH)**

13463-67-7	Titanium dioxide	A4
57-50-1	Sucrose	A4

**NIOSH-Cancer (National Institute for Occupational Safety and Health)**

13463-67-7 Titanium dioxide

**OSHA-Cancer (Occupational Safety & Health Administration)**

None of the ingredients is listed.

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**National Volatile Organic Emission Standards for Architectural Coatings:****Volatile Organic Content:**

333.0 g/l / 2.78 lb/gl

**Product related hazard information:****Hazard symbols:**

Xn Harmful  
F Highly flammable  
N Dangerous for the environment

**Hazard-determining components of labelling:**

Naphtha (petroleum), hydrotreated light

**Risk phrases:**

Highly flammable.

Harmful by inhalation.

Irritating to eyes, respiratory system and skin.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Harmful: may cause lung damage if swallowed.

**Safety phrases:**

Keep out of the reach of children.

Keep container in a well-ventilated place.

Keep away from food, drink and animal feedingstuffs.

Keep away from sources of ignition - No smoking.

Do not breathe fumes

Avoid contact with eyes.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point

Take precautionary measures against static discharges.

Wear suitable protective clothing and gloves.

In case of fire, use sand, carbon dioxide or powdered extinguishing agent. Never use water.

If swallowed, seek medical advice immediately and show this container or label.

Not recommended for interior use on large surface areas.

Use appropriate container to avoid environmental contamination.

This material and its container must be disposed of as hazardous waste.

**Non-hazardous Ingredients**

65997-05-9	Rosin oligomers	20-30%
13463-67-7	Titanium dioxide	5.0-10.0%
7631-86-9	Silicon dioxide, amorphous, chemically prepared	5.0-10.0%
57-50-1	Sucrose	5.0-10.0%

**16 Other information**

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."

USA