

1 Identification of substance

Product details

Trade name: Preprufe 300 R

MSDS ID Number: 56097

Manufacturer/Supplier:

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

Information department:

Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts

Transport Emergency:

Chemtrec +1-800-424-9300 (24 hours)
Proquímica - 0800-118270

2 Composition/Data on components

Chemical characterization

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

Hazardous components:

| | | |
|------------|--|-----------|
| 64742-52-5 | Distillates (petroleum), hydrotreated heavy naphthenic | 5.0-10.0% |
| 68478-07-9 | Hydrocarbon Resin | 20-30% |

3 Hazards identification

Hazard description:

Irritant

Information pertaining to particular dangers for man and environment:

Irritating to skin.

Inhalation: Causes respiratory tract irritation.

Eye Contact: Causes eye irritation.

Skin Contact: Irritant to skin and mucous membranes.

NFPA ratings (scale 0 - 4)



Health = 2

Fire = 1

Reactivity = 0

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HMIS-ratings (scale 0 - 4)

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| | | |
|------------|---|------------------|
| HEALTH | 2 | Health = *2 |
| FIRE | 1 | Flammability = 1 |
| REACTIVITY | 0 | Reactivity = 0 |

* **4 First aid measures****General information:****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:**

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Additional information 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 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.

7 Handling and storage**Handling:**

Information for safe handling: Open and handle receptacle with care.

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Information about protection against explosions and fires:

Empty containers may retain hazardous residue, both liquid and vapor.

Storage:**Information about storage in one common storage facility:** No special measures required.**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:****64742-52-5 Distillates (petroleum), hydrotreated heavy naphthenic**

| | |
|-----|--|
| PEL | Short-term value: 2000 mg/m ³ , 500 ppm Mist |
| TWA | 1600 mg/m ³ , 400 ppm Mist |

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.**Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

In case of brief exposure or low pollution use respiratory filter device.

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

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

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9 Physical and chemical properties**General Information**

Form: Sheet
Color: According to product specification
Odor: Characteristic

Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.
Flash point: 179°C (354°F)
Auto igniting: Product is not selfigniting.
Danger of explosion: Product does not present an explosion hazard.
Density at 20°C (68°F): ~1 g/cm³ (~8.345 lbs/gal)
Solubility in / Miscibility with Water: Not miscible or difficult to mix.

10 Stability and reactivity

Thermal decomposition: No decomposition if used according to specifications.

Dangerous products of decomposition: Carbon monoxide and carbon dioxide

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:**

9002-88-4 Polyethylene

Oral | LD50 | > 2000 mg/kg (rat)

Primary irritant effect:

on the skin: May be irritating to the skin on prolonged contact

12 Ecological information**Additional ecological information:****General notes:**

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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

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13 Disposal considerations**Product:** Comply with Federal, State and local regulations.**Uncleaned packagings:****Recommendation:** Disposal must be made according to official regulations.**14 Transport information****DOT regulations:****Hazard class:** -**Land Transport ADR/RID (cross-border):****ADR/RID class:** -

-

Inland shipping ADN:**ADN/R Class:** -**Maritime Transport IMDG:****IMDG Class:** -

-

Marine pollutant: No**Air Transport ICAO-TI and IATA-DGR:****ICAO/IATA Class:** -**15 Regulations****SARA (Superfund Amendments and Reauthorization Act)****Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):

None of the ingredients is listed.

SARA Section 312/Tier I & II Hazardard Catagories:

| | |
|--------------------------|-----|
| Health Delayed (chronic) | Yes |
| Health Immediate (acute) | Yes |
| Flammable | No |
| Reactive | No |
| Pressure | No |

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

Inventory listing could not be confirmed for one or more substances.

Remarks:

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CEPA (Canadian DSL):

Inventory listing could not be confirmed for one or more substances.

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):

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)

14807-96-6 Talc

9002-88-4 Polyethylene

NTP (National Toxicology Program)

None of the ingredients is listed.

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

14807-96-6 Talc

A4

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

None of the ingredients is listed.

OSHA-Cancer (Occupational Safety & Health Administration)

None of the ingredients is listed.

European EINECS

Inventory listing could not be confirmed for one or more substances.

Philippines Inventory of Chemicals and Chemical Substances PICCS

Inventory listing could not be confirmed for one or more substances.

Inventory of Existing Chemical Substances manufactured or imported in China IECSC

None of the ingredients is listed.

Australian Inventory of Chemical Substances AICS

Inventory listing could not be confirmed for one or more substances.

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Existing and New Chemical Substance List ENCS

Inventory listing could not be confirmed for one or more substances.

Korean Existing Chemical Inventory

Inventory listing could not be confirmed for one or more substances.

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

Irritant

Risk phrases:

Irritating to skin.

Safety phrases:

Do not breathe gas/fumes/vapor/spray.

Wear suitable gloves.

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

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