

# Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012. Revision date: 04/28/2014

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**Product identifier** 

Product name : PENRAY WINTER POW-R® PLUS BIODIESEL TREATMENT

Product code 202605

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Bio-diesel fuel treatment.

Details of the supplier of the safety data sheet

The Penray Companies, Inc. 440 Denniston Ct. 60090 Wheeling, IL T (800) 373-6729 rotto@penray.com

**Emergency telephone number** 

**Emergency number** (800) 373-6729

CHEMTREC (800) 424-9300

CHEMTREC International +1 (703) 527-3887 24 hr

#### **SECTION 2: Hazards identification**

#### Classification of the substance or mixture

#### **GHS-US** classification

Flammable Liquid 3 Acute toxicity 4 (Inhalation) Skin irritation 2 Eye irritation 2A Carcinogenicity 2 Aspiration hazard 1

#### **Label elements**

#### **GHS-US** labelling

Hazard pictograms (GHS-US)



GHS07



: Danger

Signal word (GHS-US)

Hazard statements (GHS-US) : Flammable liquid and vapor. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May be fatal if swallowed and enters airways.

Keep away from heat/sparks/open flames/hot surfaces.- No smoking. Keep container tightly Precautionary statements (GHS-US)

closed. Ground/Bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Wear protective gloves/eye protection/face protection. Avoid breathing gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. If on skin (or hair): Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Dispose of contents and container in accordance with all local, regional, national and international regulations.

### Other hazards

No additional information available

#### **Unknown acute toxicity (GHS-US)**

39 % of the mixture consists of ingredient(s) of unknown acute toxicity.

# **SECTION 3: Composition/information on ingredients**

# **Substance**

Not applicable



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#### 3.2. Mixture

| Name                                                       | Product identifier                      | %                     | GHS-US classification                                                            |
|------------------------------------------------------------|-----------------------------------------|-----------------------|----------------------------------------------------------------------------------|
| Distillates, petroleum, hydrotreated light naphthenic      | (CAS No) 64742-53-6                     | 15 - 40               | Not classified                                                                   |
| Solvent naphtha, petroleum, heavy aromatic                 | (CAS No) 64742-94-5                     | 10 - 30               | Flam. Liq. 3<br>Asp. Tox. 1                                                      |
| Solvent naphtha, petroleum, light aromatic                 | (CAS No) 64742-95-6                     | 3 - 7                 | Asp. Tox. 1                                                                      |
| Pseudocumene                                               | (CAS No) 95-63-6                        | 1 - 5                 | Flam. Liq. 3 Acute Tox. 4 (Inhalation) Skin Irrit. 2 Eye Irrit. 2A STOT SE 3     |
| Naphthalene                                                | (CAS No) 91-20-3                        | 1 - 5                 | Acute Tox. 4 (Oral, Dermal)<br>Carc. 2                                           |
| Xylenes (o-, m-, p- isomers)                               | (CAS No) 1330-20-7                      | 1 - 5                 | Flam. Liq. 3<br>Acute Tox. 4 (Dermal, Inhalation)<br>Skin Irrit. 2               |
| Methylxylene                                               | (CAS No) 25551-13-7                     | 1 - 5                 | Flam. Liq. 3<br>Skin Irrit. 2<br>Eye Irrit. 2A                                   |
| 2-Butoxyethanol                                            | (CAS No) 111-76-2                       | 1 - 5                 | Flam. Liq. 3 Acute Tox. 4 (Oral, Dermalm Inhalation) Skin Irrit. 2 Eye Irrit. 2A |
| 2-Ethylhexyl nitrate                                       | (CAS No) 27247-96-7                     | 1 - 5                 | Flam. Liq. 4<br>Acute Tox. 4 (Inhalation),                                       |
| Phenylethane                                               | (CAS No) 100-41-4                       | 0.1 - 1               | Flam. Liq. 2<br>Acute Tox. 4 (Inhalation)<br>Carc. 2                             |
| Vinyl acetate                                              | (CAS No) 108-05-4                       | 0.1 - 1               | Carc. 2                                                                          |
| Cumene                                                     | (CAS No) 98-82-8                        | 0.1 - 1               | Flam. Liq. 3<br>Acute Tox. 4 (Oral)<br>Carc. 2                                   |
| The exact percentage (concentration) of composition has be | peen withheld as a trade secret in acco | ordance with paragrap |                                                                                  |

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures after inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention.

First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

# 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Harmful if inhaled. May cause respiratory irritation, headaches and dizziness.

Symptoms/injuries after skin contact : Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of

the skin.

Symptoms/injuries after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and

tear production, with marked redness and swelling of the conjunctiva.

Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.

# Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Treat for surrounding material.

Unsuitable extinguishing media : None known.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon.

### 5.3. Advice for firefighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory

protection (SCBA). Use water spray to keep fire-exposed containers cool.

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#### **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures

: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

#### 6.2. Methods and material for containment and cleaning up

For containment

: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Scoop up material and place in a disposal container. Provide ventilation.

#### 6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling

: Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes. Avoid breathing gas/mist/vapors/spray. Do not swallow. Handle and open container with care. Use only non-sparking tools. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area.

Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

: Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Store locked up. Keep cool. Keep away from heat, sparks, and flame.

# 7.3. Specific end use(s)

Not available.

#### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

| Distillates, petroleum, hydrotreated light naphthenic (64742-53-6) |                        |         |
|--------------------------------------------------------------------|------------------------|---------|
| USA ACGIH                                                          | ACGIH TWA (mg/m³)      | 5 mg/m³ |
| USA OSHA                                                           | OSHA PEL (TWA) (mg/m³) | 5 mg/m³ |

| Solvent naphtha, petroleum, heavy aromatic (64742-94-5) |                |                 |
|---------------------------------------------------------|----------------|-----------------|
| USA ACGIH                                               | ACGIH TWA      | Not applicable. |
| USA OSHA                                                | OSHA PEL (TWA) | Not applicable. |

| Solvent naphtha, petroleum, light aromatic (64742-95-6) |                |                 |
|---------------------------------------------------------|----------------|-----------------|
| USA ACGIH                                               | ACGIH TWA      | Not applicable. |
| USA OSHA                                                | OSHA PEL (TWA) | Not applicable. |

| Pseudocumene (95-63-6) |                 |        |
|------------------------|-----------------|--------|
| USA ACGIH              | ACGIH TWA (ppm) | 25 ppm |

| Naphthalene (91-20-3) |                        |          |
|-----------------------|------------------------|----------|
| USA ACGIH             | ACGIH TWA (ppm)        | 10 ppm   |
| USA ACGIH             | ACGIH STEL (ppm)       | 15 ppm   |
| USA OSHA              | OSHA PEL (TWA) (mg/m³) | 50 mg/m³ |
| USA OSHA              | OSHA PEL (TWA) (ppm)   | 10 ppm   |

| Xylenes (o-, m-, p- isomers) (1330-20-7) |                        |           |
|------------------------------------------|------------------------|-----------|
| USA ACGIH                                | ACGIH TWA (ppm)        | 100 ppm   |
| USA ACGIH                                | ACGIH STEL (ppm)       | 150 ppm   |
| USA OSHA                                 | OSHA PEL (TWA) (mg/m³) | 435 mg/m³ |
| USA OSHA                                 | OSHA PEL (TWA) (ppm)   | 100 ppm   |

| Methylxylene (25551-13-7) |                        |           |
|---------------------------|------------------------|-----------|
| USA ACGIH                 | ACGIH TWA (ppm)        | 25 ppm    |
| USA OSHA                  | OSHA PEL (TWA) (mg/m³) | 125 mg/m³ |

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| Methylxylene (25551-1    | 13-7)                                                   |                                                                                     |
|--------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------|
| USA OSHA                 | OSHA PEL (TWA) (ppm)                                    | 25 ppm                                                                              |
| 2-Butoxyethanol (111-    | -76-2)                                                  |                                                                                     |
| USA ACGIH                | ACGIH TWA (ppm)                                         | 20 ppm                                                                              |
| USA OSHA                 | OSHA PEL (TWA) (mg/m³)                                  | 240 mg/m³                                                                           |
| USA OSHA                 | OSHA PEL (TWA) (ppm)                                    | 50 ppm                                                                              |
| 2-Ethylhexyl nitrate (2  | 7247-96-7)                                              |                                                                                     |
| USA ACGIH                | ACGIH TWA                                               | Not applicable.                                                                     |
| USA OSHA                 | OSHA PEL (TWA)                                          | Not applicable.                                                                     |
| Phenylethane (100-41     | -4)                                                     |                                                                                     |
| USA ACGIH                | ACGIH TWA (ppm)                                         | 20 ppm                                                                              |
| USA OSHA                 | OSHA PEL (TWA) (mg/m³)                                  | 435 mg/m³                                                                           |
| USA OSHA                 | OSHA PEL (TWA) (ppm)                                    | 100 ppm                                                                             |
| Vinyl acetate (108-05-   | 4)                                                      |                                                                                     |
| USA ACGIH                | ACGIH TWA (ppm)                                         | 10 ppm                                                                              |
| USA ACGIH                | ACGIH STEL (ppm)                                        | 15 ppm                                                                              |
| Cumene (98-82-8)         |                                                         |                                                                                     |
| USA ACGIH                | ACGIH TWA (ppm)                                         | 50 ppm                                                                              |
| USA OSHA                 | OSHA PEL (TWA) (mg/m³)                                  | 245 mg/m³                                                                           |
| USA OSHA                 | OSHA PEL (TWA) (ppm)                                    | 50 ppm                                                                              |
| .2. Exposure con         | trols                                                   |                                                                                     |
| ppropriate engineering   | controls : Use ventilation adequat recommended exposure | e to keep exposures (airborne levels of dust, fume, vapor, etc.) below<br>e limits. |
| ersonal protective equip | oment : Avoid all unnecessary e                         | xposure.                                                                            |
|                          |                                                         |                                                                                     |

Hand protection : Wear chemically resistant protective gloves.

Eye protection : Safety glasses or goggles are recommended when using product.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : A NIOSH approved respirator is recommended in poorly ventilated areas or when permissible

exposure limits may be exceeded. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Environmental exposure controls Maintain levels below Community environmental protection thresholds.

Other information Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully

before eating or smoking. Handle according to established industrial hygiene and safety practices.

# **SECTION 9: Physical and chemical properties**

#### Information on basic physical and chemical properties

Physical state : Liquid. Colour : Amber. Odour : Petroleum odor. Odour threshold : No data available. No data available. No data available. Relative evaporation rate (butylacetate=1) : No data available. Melting point : No data available. Freezing point **Boiling point** : No data available. Flash point ~ 56 °C (~ 133 °F) Self ignition temperature : No data available. Decomposition temperature : No data available. Flammability (solid, gas) : Flammable. Vapour pressure No data available.

Relative vapour density at 20 °C

Relative density

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: No data available.

: 0.904 - 0.914



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Solubility : No data available. Log Pow : No data available. : No data available. Log Kow Viscosity, kinematic : No data available. : No data available. Viscosity, dynamic : No data available. Explosive properties : No data available. Oxidising properties : No data available. Explosive limits

#### 9.2. Other information

No additional information available

# **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2. Chemical stability

Stable under normal storage conditions. May form flammable/explosive vapour-air mixture.

#### 10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

#### 10.4. Conditions to avoid

Heat. Incompatible materials. Open flame.

#### 10.5. Incompatible materials

Strong oxidizing agents.

# 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

#### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Harmful if inhaled.

| 202605                     |              |  |
|----------------------------|--------------|--|
| LD50 oral rat              | > 2000 mg/kg |  |
| LD50 dermal rabbit         | > 2000 mg/kg |  |
| LC50 inhalation rat (mg/l) | ~ 11 mg/l/4h |  |

| Distillates, petroleum, hydrotreated light naphthenic (64742-53-6) |              |
|--------------------------------------------------------------------|--------------|
| LD50 oral rat                                                      | > 5000 mg/kg |
| LD50 dermal rabbit                                                 | > 2000 mg/kg |
| LC50 inhalation rat (mg/l)                                         | 2.18 mg/l/4h |

| Solvent naphtha, petroleum, heavy aromatic (64742-94-5) |                |
|---------------------------------------------------------|----------------|
| LD50 oral rat                                           | > 5000 mg/kg   |
| LD50 dermal rabbit                                      | > 2000mg/kg    |
| LC50 inhalation rat (mg/l)                              | > 5.28 mg/l/4h |

| Solvent naphtha, petroleum, light aromatic (64742-95-6) |               |
|---------------------------------------------------------|---------------|
| LD50 oral rat                                           | 8400 mg/kg    |
| LD50 dermal rabbit                                      | > 2000 mg/kg  |
| LC50 inhalation rat (ppm)                               | 3400 ppm/4h   |
| LC50 inhalation rat (mg/l)                              | > 5.2 mg/l/4h |

| Pseudocumene (95-63-6)     |              |
|----------------------------|--------------|
| LD50 oral rat              | 3400 mg/kg   |
| LD50 dermal rabbit         | > 3160 mg/kg |
| LC50 inhalation rat (mg/l) | 18 g/m³/4h   |

| Naphthalene (91-20-3) |           |
|-----------------------|-----------|
| LD50 oral rat         | 490 mg/kg |
| LD50 dermal rabbit    | > 20 g/kg |

| Xylenes (o-, m-, p- isomers) (1330-20-7) |               |
|------------------------------------------|---------------|
| LD50 oral rat                            | 4300 mg/kg    |
| LD50 dermal rabbit                       | > 1700 mg/kg  |
| LC50 inhalation rat (ppm)                | 5000 ppm/4h   |
| LC50 inhalation rat (mg/l)               | 47635 mg/l/4h |



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| Methylxylene (25551-13-7)                          |                                                                                                                                                                                                |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LD50 oral rat                                      | 8970 mg/kg                                                                                                                                                                                     |
|                                                    | - Coro mg/kg                                                                                                                                                                                   |
| 2-Butoxyethanol (111-76-2)                         | 470 #                                                                                                                                                                                          |
| LD50 oral rat                                      | 470 mg/kg<br>450 ppm/4h                                                                                                                                                                        |
| LC50 inhalation rat (ppm)                          | 450 ppm/4n                                                                                                                                                                                     |
| 2-Ethylhexyl nitrate (27247-96-7)                  |                                                                                                                                                                                                |
| LD50 oral rat                                      | > 2000 mg/kg                                                                                                                                                                                   |
| LD50 dermal rabbit                                 | > 4820 mg/kg                                                                                                                                                                                   |
| LC50 inhalation rat (mg/l)                         | > 14 mg/l/4h                                                                                                                                                                                   |
| Phenylethane (100-41-4)                            |                                                                                                                                                                                                |
| LD50 oral rat                                      | 3500 mg/kg                                                                                                                                                                                     |
| LD50 dermal rabbit                                 | 15354 mg/kg                                                                                                                                                                                    |
| LC50 inhalation rat (mg/l)                         | 17.2 mg/l/4h                                                                                                                                                                                   |
| Vinyl acetate (108-05-4)                           |                                                                                                                                                                                                |
| LD50 oral rat                                      | 2920 mg/kg                                                                                                                                                                                     |
| LD50 dermal rabbit                                 | 2320 mg/kg                                                                                                                                                                                     |
| LC50 inhalation rat (mg/l)                         | 11400 mg/m³/4h                                                                                                                                                                                 |
| Cumene (98-82-8)                                   |                                                                                                                                                                                                |
| LD50 oral rat                                      | 1400 mg/kg                                                                                                                                                                                     |
| LD50 dermal rabbit                                 | > 3160 mg/kg                                                                                                                                                                                   |
| LC50 inhalation rat (mg/l)                         | 39000 mg/m³/4 h                                                                                                                                                                                |
|                                                    | 1                                                                                                                                                                                              |
| Skin corrosion/irritation                          | : Causes skin irritation.                                                                                                                                                                      |
| Serious eye damage/irritation                      | : Causes serious eye irritation.                                                                                                                                                               |
| Respiratory or skin sensitisation                  | : Based on available data, the classification criteria are not met.                                                                                                                            |
| Germ cell mutagenicity                             | : Based on available data, the classification criteria are not met.                                                                                                                            |
| Carcinogenicity                                    | : Suspected of causing cancer.                                                                                                                                                                 |
| Naphthalene (91-20-3)                              |                                                                                                                                                                                                |
| IARC group                                         | 2B                                                                                                                                                                                             |
| National Toxicity Program (NTP) Status             | 1,3                                                                                                                                                                                            |
| Xylenes (o-, m-, p- isomers) (1330-20-7)           |                                                                                                                                                                                                |
| IARC group                                         | 3                                                                                                                                                                                              |
| 2-Butoxyethanol (111-76-2)                         |                                                                                                                                                                                                |
| IARC group                                         | 3                                                                                                                                                                                              |
| National Toxicity Program (NTP) Status             | 1                                                                                                                                                                                              |
| , , ,                                              | '                                                                                                                                                                                              |
| Phenylethane (100-41-4)                            |                                                                                                                                                                                                |
| IARC group                                         | 2B                                                                                                                                                                                             |
| National Toxicity Program (NTP) Status             | 1                                                                                                                                                                                              |
| Vinyl acetate (108-05-4)                           |                                                                                                                                                                                                |
| IARC group                                         | 2B                                                                                                                                                                                             |
| Cumene (98-82-8)                                   |                                                                                                                                                                                                |
| IARC group                                         | 2B                                                                                                                                                                                             |
| National Toxicity Program (NTP) Status             | 1                                                                                                                                                                                              |
| Reproductive toxicity                              | : Based on available data, the classification criteria are not met.                                                                                                                            |
| Specific target organ toxicity (single exposure)   | : Based on available data, the classification criteria are not met.                                                                                                                            |
| Specific target organ toxicity (repeated exposure) | : Based on available data, the classification criteria are not met.                                                                                                                            |
| Aspiration hazard                                  | : May be fatal if swallowed and enters airways.                                                                                                                                                |
| ·                                                  | ,                                                                                                                                                                                              |
| Symptoms/injuries after inhalation                 | : Harmful if inhaled. May cause respiratory irritation, headaches and dizziness.                                                                                                               |
| Symptoms/injuries after skin contact               | <ul> <li>Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of<br/>the skin.</li> </ul>                                                               |
| Symptoms/injuries after eye contact                | : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.                            |
| Symptoms/injuries after ingestion                  | <ul> <li>May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.</li> </ul> |
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#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

#### 12.2. Persistence and degradability

#### 202605

Persistence and degradability Not established.

#### 12.3. Bioaccumulative potential

#### 202605

Bioaccumulative potential Not established.

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

#### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal

regulations. The generation of waste should be avoided or minimized wherever possible.

Additional information : Handle empty containers with care because residual vapours are flammable.

# **SECTION 14: Transport information**

In accordance with DOT

#### 14.1. UN number

UN-No. : UN1268

#### 14.2. UN proper shipping name

Proper Shipping Name : Petroleum distillates, n.o.s.

Department of Transportation Hazard Classes : 3

Hazard labels



Packing group (DOT) : III

#### 14.3. Additional information

Other information : No supplementary information available.

Special transport precautions : Do not handle until all safety precautions have been read and understood.

#### **SECTION 15: Regulatory information**

#### 15.1. US Federal regulations

#### Distillates, petroleum, hydrotreated light naphthenic (64742-53-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

# Solvent naphtha, petroleum, heavy aromatic (64742-94-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Solvent naphtha, petroleum, light aromatic (64742-95-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Pseudocumene (95-63-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 313 - Emission Reporting 1.0

### Naphthalene (91-20-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on SARA Section 313 (Specific toxic chemical listings)

EPA TSCA Regulatory Flag T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.

SARA Section 313 - Emission Reporting 0.1 %

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| Xylenes (o-, m-, p- isomers) (1330-20-7)                                                                                                |       |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 313 (Specific toxic chemical listings) |       |
| SARA Section 313 - Emission Reporting                                                                                                   | 1.0 % |

#### Methylxylene (25551-13-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 2-Butoxyethanol (111-76-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 2-Ethylhexyl nitrate (27247-96-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### Phenylethane (100-41-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 313 - Emission Reporting 0.1 %

#### Vinyl acetate (108-05-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on SARA Section 302 (Specific toxic chemical listings)

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 302 Threshold Planning 1000 Quantity (TPQ)

SARA Section 313 - Emission Reporting 0.1 %

#### Cumene (98-82-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on SARA Section 313 (Specific toxic chemical listings)

EPA TSCA Regulatory Flag

T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.

SARA Section 313 - Emission Reporting

1.0 %

#### 15.2. US State regulations

| 202605                     |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| State or local regulations | This product contains chemicals known to the State of California to cause cancer. |

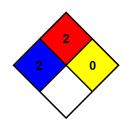
#### SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

| IARC | International Agency for Research on Cancer.                                                                                                                                                                                                                                 |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | 1 - Carcinogenic to humans;     2A - Probably carcinogenic to humans;     2B - Possibly carcinogenic to humans;     3 - Not classifiable;     4 - Probably not carcinogenic to humans.                                                                                       |
| NTP  | National Toxicology Program.                                                                                                                                                                                                                                                 |
|      | <ul> <li>1 - Evidence of Carcinogenicity;</li> <li>2 - Known Human Carcinogens;</li> <li>3 - Reasonably anticipated to be Human Carcinogen;</li> <li>4 - Substances delisted from report on Carcinogens;</li> <li>5 - Twelfth Report - Items under consideration.</li> </ul> |

#### **SECTION 16: Other information**

Indication of changes: None.Date of issue: 04/28/2014Other information: None.

NFPA health hazard : 2
NFPA fire hazard : 2
NFPA reactivity : 0



This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product



