

# SAFETY DATA SHEET

## 1. Identification

**Product identifier:** PAINT PREP SOLVENT

**Other means of identification**

**SDS number:** RE1000046140 Imperial 6563

**Recommended restrictions**

**Recommended use:** Cleaner

**Restrictions on use:** Not known.

**Manufacturer/Importer/Distributor Information**

Company Name: IMPERIAL SUPPLIES LLC  
Address: PO BOX 11008  
GREEN BAY, WI 54307-1008  
Telephone: 800-558-2808  
Fax:

**Emergency telephone number:** 1-866-836-8855

## 2. Hazard(s) identification

**Hazard Classification**

**Physical Hazards**

|                      |               |
|----------------------|---------------|
| Flammable aerosol    | Category 1    |
| Gases under pressure | Liquefied gas |

**Health Hazards**

|   |            |
|---|------------|
| Skin Corrosion/Irritation                             | Category 2 |
| Carcinogenicity                                       | Category 2 |
| Toxic to reproduction                                 | Category 2 |
| Specific Target Organ Toxicity -<br>Repeated Exposure | Category 2 |
| Aspiration Hazard                                     | Category 1 |

**Environmental Hazards**

|   |            |
|---|------------|
| Acute hazards to the aquatic<br>environment | Category 2 |
|---|------------|

**Label Elements**

**Hazard Symbol:**



**Signal Word:**

Danger

**Hazard Statement:** Extremely flammable aerosol.  
Causes skin irritation.  
Suspected of causing cancer.  
Suspected of damaging fertility or the unborn child.  
May cause damage to organs through prolonged or repeated exposure.  
May be fatal if swallowed and enters airways.  
Toxic to aquatic life.  
Contains gas under pressure; may explode if heated.

**Precautionary Statements**

**Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid release to the environment.

**Response:** IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. IF exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). Take off contaminated clothing.

**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazard(s) not otherwise classified (HNOC):** None.

**3. Composition/information on ingredients**

**Mixtures**

| Chemical Identity  | CAS number | Content in percent (%)* |
|--|------------|-------------------------|
| Distillates (petroleum), light distillate hydrotreating process, low-boiling | 68410-97-9 | 25 - <50%               |
| Benzene, dimethyl-   | 1330-20-7  | 25 - <50%               |
| Propane  | 74-98-6    | 10 - <20%               |
| Propane, 2-methyl-   | 75-28-5    | 5 - <10%                |
| Benzene, ethyl-  | 100-41-4   | 5 - <10%                |
| Benzene, methyl-   | 108-88-3   | 0.1 - <1%               |

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**4. First-aid measures**

**Ingestion:** Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**Inhalation:** Move to fresh air.

**Skin Contact:** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Get medical attention.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

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

**Symptoms:** No data available.

**Hazards:** No data available.

**Indication of immediate medical attention and special treatment needed**

**Treatment:** No data available.

**5. Fire-fighting measures**

**General Fire Hazards:** Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** Vapors may travel considerable distance to a source of ignition and flash back.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

**Methods and material for containment and cleaning up:** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

**Notification Procedures:** Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

**Environmental Precautions:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid release to the environment.

## 7. Handling and storage

**Precautions for safe handling:** Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid contact with skin. Wash hands thoroughly after handling.

**Conditions for safe storage, including any incompatibilities:** Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 3

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

| Chemical Identity  | Type    | Exposure Limit Values | Source  |
|--|---------|-----------------------|---|
| Distillates (petroleum), light distillate hydrotreating process, low-boiling - Mist. | REL     | 5 mg/m3               | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)                          |
|  | STEL    | 10 mg/m3              | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)                          |
|  | PEL     | 5 mg/m3               | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006) |
|  | TWA     | 5 mg/m3               | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)                              |
| Benzene, dimethyl-   | TWA     | 100 ppm 435 mg/m3     | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)                              |
|  | TWA     | 100 ppm               | US. ACGIH Threshold Limit Values, as amended (2008)                                     |
|  | PEL     | 100 ppm 435 mg/m3     | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006) |
|  | STEL    | 150 ppm 655 mg/m3     | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)                              |
|  | STEL    | 150 ppm               | US. ACGIH Threshold Limit Values, as amended (2008)                                     |
|  | STEL    | 150 ppm 655 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2016)                          |
| Propane  | REL     | 100 ppm 435 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2016)                          |
|  | REL     | 1,000 ppm 1,800 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)                          |
|  | PEL     | 1,000 ppm 1,800 mg/m3 | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006) |
| Propane, 2-methyl-   | TWA     | 1,000 ppm 1,800 mg/m3 | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)                              |
|  | REL     | 800 ppm 1,900 mg/m3   | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)                          |
|  | STEL    | 1,000 ppm             | US. ACGIH Threshold Limit Values, as amended (03 2018)                                  |
| Benzene, ethyl-  | STEL    | 125 ppm 545 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)                          |
|  | REL     | 100 ppm 435 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)                          |
|  | PEL     | 100 ppm 435 mg/m3     | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended (02 2006) |
|  | STEL    | 125 ppm 545 mg/m3     | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)                              |
|  | TWA     | 100 ppm 435 mg/m3     | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)                              |
|  | TWA     | 20 ppm                | US. ACGIH Threshold Limit Values, as amended (12 2010)                                  |
| Benzene, methyl-   | STEL    | 150 ppm 560 mg/m3     | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)                              |
|  | REL     | 100 ppm 375 mg/m3     | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005)                          |
|  | TWA     | 100 ppm 375 mg/m3     | US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended (1989)                              |
|  | Ceiling | 300 ppm               | US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)                             |
|  | TWA     | 20 ppm                | US. ACGIH Threshold Limit Values, as amended (2008)                                     |
|  | TWA     | 200 ppm               | US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)                             |

|  |           |                   |  |
|--|-----------|-------------------|--|
|  | MAX. CONC | 500 ppm           | US. OSHA Table Z-2 (29 CFR 1910.1000), as amended (02 2006)    |
|  | STEL      | 150 ppm 560 mg/m3 | US. NIOSH: Pocket Guide to Chemical Hazards, as amended (2005) |

### Biological Limit Values

| Chemical Identity   | Exposure Limit Values          | Source              |
|---|--------------------------------|---------------------|
| Benzene, dimethyl- (Methylhippuric acids: Sampling time: End of shift.)                       | 1.5 g/g (Creatinine in urine)  | ACGIH BEL (03 2013) |
| Benzene, ethyl- (Sum of mandelic acid and phenylglyoxylic acid: Sampling time: End of shift.) | 0.15 g/g (Creatinine in urine) | ACGIH BEL (02 2014) |
| Benzene, methyl- (toluene: Sampling time: End of shift.)                                      | 0.03 mg/l (Urine)              | ACGIH BEL (03 2013) |
| Benzene, methyl- (o-Cresol, with hydrolysis: Sampling time: End of shift.)                    | 0.3 mg/g (Creatinine in urine) | ACGIH BEL (03 2013) |
| Benzene, methyl- (toluene: Sampling time: Prior to last shift of work week.)                  | 0.02 mg/l (Blood)              | ACGIH BEL (03 2013) |

**Appropriate Engineering Controls** No data available.

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

**General information:** Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

#### Skin Protection

**Hand Protection:** No data available.

**Other:** Wear suitable protective clothing. Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

**Hygiene measures:** Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. When using do not smoke. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Wash contaminated clothing before reuse. Avoid contact with skin.

## 9. Physical and chemical properties

### Appearance

**Physical state:** liquid  
**Form:** Spray Aerosol  
**Color:** No data available.  
**Odor:** No data available.  
**Odor threshold:** No data available.  
**pH:** No data available.  
**Melting point/freezing point:** No data available.  
**Initial boiling point and boiling range:** No data available.  
**Flash Point:** Estimated -104.4 °C  
**Evaporation rate:** No data available.

|  |                    |
|--|--------------------|
| <b>Flammability (solid, gas):</b>                            | No data available. |
| <b>Upper/lower limit on flammability or explosive limits</b> |                    |
| <b>Flammability limit - upper (%):</b>                       | Estimated 9.5 %(V) |
| <b>Flammability limit - lower (%):</b>                       | Estimated 1.8 %(V) |
| <b>Explosive limit - upper (%):</b>                          | No data available. |
| <b>Explosive limit - lower (%):</b>                          | No data available. |
| <b>Vapor pressure:</b>                                       | No data available. |
| <b>Vapor density:</b>  | No data available. |
| <b>Density:</b>  | No data available. |
| <b>Relative density:</b>                                     | No data available. |
| <b>Solubility(ies)</b>                                       |                    |
| <b>Solubility in water:</b>                                  | No data available. |
| <b>Solubility (other):</b>                                   | No data available. |
| <b>Partition coefficient (n-octanol/water):</b>              | No data available. |
| <b>Auto-ignition temperature:</b>                            | No data available. |
| <b>Decomposition temperature:</b>                            | No data available. |
| <b>Viscosity:</b>  | No data available. |

## 10. Stability and reactivity

|  |   |
|--|---|
| <b>Reactivity:</b>                         | No data available.                          |
| <b>Chemical Stability:</b>                 | Material is stable under normal conditions. |
| <b>Possibility of hazardous reactions:</b> | No data available.                          |
| <b>Conditions to avoid:</b>                | Avoid heat or contamination.                |
| <b>Incompatible Materials:</b>             | No data available.                          |
| <b>Hazardous Decomposition Products:</b>   | No data available.                          |

## 11. Toxicological information

### Information on likely routes of exposure

|                      |                    |
|----------------------|--------------------|
| <b>Inhalation:</b>   | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |
| <b>Ingestion:</b>    | No data available. |

### Symptoms related to the physical, chemical and toxicological characteristics

|                      |                    |
|----------------------|--------------------|
| <b>Inhalation:</b>   | No data available. |
| <b>Skin Contact:</b> | No data available. |
| <b>Eye contact:</b>  | No data available. |
| <b>Ingestion:</b>    | No data available. |

## Information on toxicological effects

### Acute toxicity (list all possible routes of exposure)

**Oral**  
**Product:** ATEmix: 8,111.87 mg/kg

**Dermal**  
**Product:** ATEmix: 2,009.65 mg/kg

**Inhalation**  
**Product:** ATEmix: 52.76 mg/l

### Repeated dose toxicity

**Product:** No data available.

#### Specified substance(s):

|  |   |
|--|---|
| Distillates (petroleum), light distillate hydrotreating process, low-boiling | NOAEL (Rat(Female, Male), Inhalation): 9,840 mg/m3 Inhalation Experimental result, Key study<br>NOAEL (Rat(Male), Oral, 28 d): < 500 mg/kg Oral Experimental result, Supporting study<br>NOAEL (Rat(Female, Male), Dermal, 5 - 28 d): 3,750 mg/kg Dermal Experimental result, Key study   |
| Benzene, dimethyl-   | NOAEL (Rat(Female), Oral, 90 d): 150 mg/kg Oral Experimental result, Key study  |
| Propane  | NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study<br>LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study   |
| Propane, 2-methyl-   | NOAEL (Rat(Female, Male), Inhalation, >= 42 d): 16,000 ppm(m) Inhalation Experimental result, Key study<br>NOAEL (Rat(Female, Male), Inhalation): 21,394 mg/m3 Inhalation Experimental result, Key study  |
| Benzene, ethyl-  | NOAEL (Mouse(Female, Male), Inhalation, 104 Weeks): 75 ppm(m) Inhalation Experimental result, Key study<br>NOAEL (Rat(Female, Male), Oral, 28 d): 75 mg/kg Oral Experimental result, Key study  |
| Benzene, methyl-   | LOAEL (Rat(Female, Male), Oral, 13 Weeks): 1,250 mg/kg (Target Organ(s): Liver, Kidney) Oral Experimental result, Key study<br>NOAEL (Rat(Female, Male), Inhalation): 625 ppm(m) Inhalation Experimental result, Key study<br>NOAEL (Rat(Female, Male), Inhalation - vapor): 2,355 mg/l Inhalation Experimental result, Key study |

### Skin Corrosion/Irritation

**Product:** No data available.

#### Specified substance(s):

|                    |   |
|--------------------|---|
| Benzene, dimethyl- | in vivo (Rabbit): Moderate irritant Experimental result, Weight of Evidence study estimated Irritating. |
| Benzene, methyl-   | in vivo (Rabbit): Irritating Experimental result, Key study   |

### Serious Eye Damage/Eye Irritation

**Product:** No data available.

#### Specified substance(s):

|  |                                     |
|--|-------------------------------------|
| Distillates (petroleum), light distillate hydrotreating process, low-boiling | Rabbit, 24 - 72 hrs: Not irritating |
|--|-------------------------------------|

Benzene, dimethyl- Rabbit, 1 hrs: Slightly irritating (Not Classified)

Benzene, methyl- Rabbit, 24 - 72 hrs: Not irritating

#### Respiratory or Skin Sensitization

**Product:** No data available.

**Specified substance(s):**

Distillates (petroleum),  
light distillate Skin sensitization:, in vivo (Guinea pig): Non sensitising

hydrotreating process,  
low-boiling

Benzene, ethyl- Skin sensitization:, in vivo (Human): Non sensitising

Benzene, methyl- Skin sensitization:, in vivo (Guinea pig): Non sensitising

#### Carcinogenicity

**Product:** No data available.

#### IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

Benzene, ethyl- Overall evaluation: 2B. Possibly carcinogenic to humans.

#### US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No carcinogenic components identified

#### Germ Cell Mutagenicity

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

#### Reproductive toxicity

**Product:** No data available.

**Specified substance(s):**

Benzene, methyl- Suspected of damaging fertility or the unborn child.

#### Specific Target Organ Toxicity - Single Exposure

**Product:** No data available.

**Specified substance(s):**

Benzene, methyl- Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.

#### Specific Target Organ Toxicity - Repeated Exposure

**Product:** No data available.

**Specified substance(s):**

Benzene, ethyl- Category 2

Benzene, methyl- Category 2

#### Aspiration Hazard

**Product:** No data available.

**Specified substance(s):**

Distillates (petroleum),  
light distillate May be fatal if swallowed and enters airways.

hydrotreating process,  
low-boiling

Benzene, ethyl- May be fatal if swallowed and enters airways.

Benzene, methyl- May be fatal if swallowed and enters airways.



**Other effects:** No data available.

## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Specified substance(s):

Distillates (petroleum), light distillate hydrotreating process, low-boiling  
LL 50 (Pimephales promelas, 96 h): 8.2 mg/l Experimental result, Key study

Propane  
LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

Benzene, ethyl-  
LC 50 (Fathead minnow (Pimephales promelas), 96 h): 38.9 - 62.83 mg/l Mortality

Benzene, methyl-  
LC 50 (Oncorhynchus kisutch, 96 h): 5.5 mg/l Experimental result, Key study

##### Aquatic Invertebrates

**Product:** No data available.

##### Specified substance(s):

Distillates (petroleum), light distillate hydrotreating process, low-boiling  
EC 50 (Daphnia magna, 48 h): 4.5 mg/l Experimental result, Key study  
NOAEL (Daphnia magna, 48 h): 0.5 mg/l Experimental result, Key study

Benzene, ethyl-  
LC 50 (Water flea (Daphnia magna), 24 h): 57 - 100 mg/l Mortality

Benzene, methyl-  
LC 50 (Water flea (Daphnia magna), 48 h): 54.6 - 174.7 mg/l Mortality  
LC 50 (Ceriodaphnia dubia, 2 d): 3.78 mg/l Experimental result, Key study

#### Chronic hazards to the aquatic environment:

##### Fish

**Product:** No data available.

##### Specified substance(s):

Distillates (petroleum), light distillate hydrotreating process, low-boiling  
NOAEL (Pimephales promelas): 2.6 mg/l Experimental result, Supporting study

Benzene, methyl-  
NOAEL (Oncorhynchus kisutch): 1.39 mg/l Experimental result, Key study  
LOAEL (Oncorhynchus kisutch): 2.77 mg/l Experimental result, Key study

##### Aquatic Invertebrates

**Product:** No data available.

##### Specified substance(s):

Distillates (petroleum), light distillate hydrotreating process, low-boiling  
NOAEL (Daphnia magna): 2.6 mg/l Experimental result, Key study

Benzene, ethyl-  
LC 50 (Ceriodaphnia dubia): 3.2 mg/l Other, Key study  
NOAEL (Ceriodaphnia dubia): 1 mg/l Other, Key study

Benzene, methyl- LOAEL (Ceriodaphnia dubia): 2.76 mg/l Experimental result, Key study  
NOAEL (Ceriodaphnia dubia): 0.74 mg/l Experimental result, Key study

**Toxicity to Aquatic Plants**  
**Product:**

No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:**

No data available.

**Specified substance(s):**

Distillates (petroleum),  
light distillate  
hydrotreating process,  
low-boiling

90.35 % (28 d) Detected in water. Experimental result, Supporting study

Benzene, dimethyl-

87.8 % Detected in water. Read-across from supporting substance (structural analogue or surrogate), Key study

Propane

100 % (385.5 h) Detected in water. Experimental result, Key study  
50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study

Propane, 2-methyl-

100 % Detected in water. QSAR, Weight of Evidence study

Benzene, ethyl-

2.7 % Detected in water. Other, Supporting study  
70 - 80 % (28 d) Detected in water. Experimental result, Key study

Benzene, methyl-

100 % (14 d) Detected in water. Experimental result, Weight of Evidence study  
86 % Detected in water. Experimental result, Weight of Evidence study

**BOD/COD Ratio**

**Product:**

No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:**

No data available.

**Specified substance(s):**

Distillates (petroleum),  
light distillate  
hydrotreating process,  
low-boiling

Bioconcentration Factor (BCF): 10 - 2,500 Aquatic sediment Estimated by calculation, Key study

Benzene, dimethyl-

Oncorhynchus mykiss, Bioconcentration Factor (BCF): > 7.6 - < 21.6 Aquatic sediment Experimental result, Key study

Benzene, ethyl-

Carassius auratus, Bioconcentration Factor (BCF): 15.5 Aquatic sediment  
Other, Supporting study

Benzene, methyl-

Leuciscus idus, Bioconcentration Factor (BCF): 90 Aquatic sediment  
Experimental result, Key study

**Partition Coefficient n-octanol / water (log Kow)**

**Product:**

No data available.

**Specified substance(s):**

Benzene, dimethyl-

Log Kow: 2.77 - 3.15 No Not specified, Not specified

Benzene, ethyl-

Log Kow: 3.13 - 3.14 No Other, Supporting study

**Mobility in soil:**

No data available.

**Known or predicted distribution to environmental compartments**

|  |                    |
|--|--------------------|
| Distillates (petroleum), light distillate hydrotreating process, low-boiling | No data available. |
| Benzene, dimethyl-   | No data available. |
| Propane  | No data available. |
| Propane, 2-methyl-   | No data available. |
| Benzene, ethyl-  | No data available. |
| Benzene, methyl-   | No data available. |

**Other adverse effects:** Toxic to aquatic organisms.

**13. Disposal considerations**

**Disposal instructions:** Discharge, treatment, or disposal may be subject to national, state, or local laws.

**Contaminated Packaging:** No data available.

**14. Transport information**

**DOT**

UN Number: UN 1950  
UN Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es)  
Class: 2.1  
Label(s): –  
Packing Group: –  
Environmental Hazards: No  
Marine Pollutant: No

Special precautions for user: Not regulated.

**IMDG**

UN Number: UN 1950  
UN Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es)  
Class: 2.1  
Label(s): –  
EmS No.: F-D, S-U

Packing Group: –

Environmental Hazards: No  
Marine Pollutant: No

Special precautions for user: Not regulated.

**IATA**

UN Number: UN 1950  
Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es):  
Class: 2.1  
Label(s): –

Packing Group: –

Environmental Hazards: No  
Marine Pollutant: No

Special precautions for user: Not regulated.  
Cargo aircraft only: Forbidden.

## 15. Regulatory information

### US Federal Regulations

Restrictions on use: Not known.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

None present or none present in regulated quantities.

### CERCLA Hazardous Substance List (40 CFR 302.4):

| <u>Chemical Identity</u> | <u>Reportable quantity</u> |
|--------------------------|----------------------------|
| Benzene, dimethyl-       | lbs. 100                   |
| Propane                  | lbs. 100                   |
| Propane, 2-methyl-       | lbs. 100                   |
| Benzene, ethyl-          | lbs. 1000                  |
| Benzene, methyl-         | lbs. 1000                  |

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### Hazard categories

Fire Hazard  
Immediate (Acute) Health Hazards  
Delayed (Chronic) Health Hazard  
Flammable (gases, aerosols, liquids, or solids)  
Skin Corrosion or Irritation  
Carcinogenicity  
Reproductive toxicity  
Specific target organ toxicity (single or repeated exposure)  
Aspiration Hazard

#### SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

#### SARA 304 Emergency Release Notification

None present or none present in regulated quantities.

#### SARA 311/312 Hazardous Chemical

None present or none present in regulated quantities.

#### SARA 313 (TRI Reporting)

| <u>Chemical Identity</u> | <u>Reporting threshold for other users</u> | <u>Reporting threshold for manufacturing and processing</u> |
|--------------------------|--|---|
| Benzene, dimethyl-       | lbs  | lbs.  |
| Benzene, ethyl-          | lbs  | lbs.  |

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

### Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

#### US State Regulations

#### US. California Proposition 65



**WARNING:** This product can expose you to chemicals including, Benzene, ethyl- which is [are] known to the State of California to cause cancer.

This product can expose you to chemicals including, Benzene, methyl- which is [are] known to the State of California to cause birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**US. New Jersey Worker and Community Right-to-Know Act**

**Chemical Identity**

Distillates (petroleum), light distillate hydrotreating process, low-boiling  
Benzene, dimethyl-  
Propane  
Propane, 2-methyl-  
Benzene, ethyl-

**US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances**

**Chemical Identity**

Distillates (petroleum), light distillate hydrotreating process, low-boiling  
Benzene, dimethyl-  
Propane  
Propane, 2-methyl-  
Benzene, ethyl-

**US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

**International regulations**

**Montreal protocol**

Not applicable

**Stockholm convention**

Not applicable

**Rotterdam convention**

Not applicable

**Kyoto protocol**

Not applicable

**Inventory Status:**

|  |  |
|--|--|
| Australia AICS:                          | On or in compliance with the inventory |
| Canada DSL Inventory List:               | On or in compliance with the inventory |
| Canada NDSL Inventory:                   | Not in compliance with the inventory.  |
| Ontario Inventory:                       | On or in compliance with the inventory |
| China Inv. Existing Chemical Substances: | On or in compliance with the inventory |
| Japan (ENCS) List:                       | Not in compliance with the inventory.  |
| Japan ISHL Listing:                      | Not in compliance with the inventory.  |
| Japan Pharmacopoeia Listing:             | Not in compliance with the inventory.  |
| Korea Existing Chemicals Inv. (KECI):    | On or in compliance with the inventory |
| Mexico INSQ:                             | Not in compliance with the inventory.  |
| New Zealand Inventory of Chemicals:      | On or in compliance with the inventory |
| Philippines PICCS:                       | On or in compliance with the inventory |
| Taiwan Chemical Substance Inventory:     | On or in compliance with the inventory |
| US TSCA Inventory:                       | On or in compliance with the inventory |
| EINECS, ELINCS or NLP:                   | Not in compliance with the inventory.  |

**16. Other information, including date of preparation or last revision**

**Issue Date:** 12/13/2021

**Revision Information:** No data available.

**Version #:** 1.0

**Further Information:** No data available.

**Disclaimer:** This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.