

# Service Pro GDI Fuel System Cleaner

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations  
Revision Date: 07/12/2022 Date of issue: 07/12/2022

Version: 1.0

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Service Pro GDI Fuel System Cleaner

**Product Part #:** SP0112

#### 1.2. Intended Use of the Product

**Use of the substance/mixture:** Automotive

#### 1.3. Name, Address, and Telephone of the Responsible Party

##### Manufactured For:

**AIOD**

Association of Independent Oil Distributors

203 West Main Street

Montrose, CO 81401

1-800-313-2463

[www.service-pro.com](http://www.service-pro.com)

##### Supplier Address:

Solid Start Inc.

2801 Saluda Rd.

Lakeland, FL 33801

1-863-937-9297

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

#### 1.4. Emergency Telephone Number

**Emergency Number** : 813-248-0585 ChemTel

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

##### Classification (GHS-US)

Flam. Liq. 2 H225

Acute Tox. 4 (Oral) H302

Asp. Tox. 1 H304

Acute Tox. 3 (Dermal) H311

Skin Irrit. 2 H315

Eye Dam. 1 H318

Acute Tox. 3 (Inhalation) H331

STOT SE 3 H336

Carc. 2 H351

Repr. 1B H360

STOT RE 2 H373

Aquatic Acute 2 H401

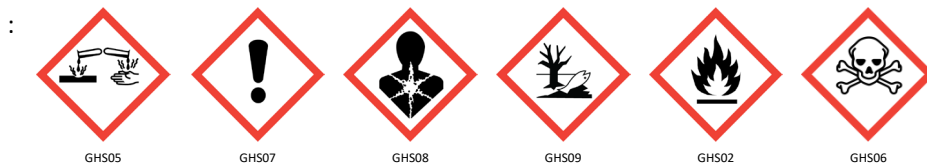
Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

#### 2.2. Label Elements

##### GHS-US Labeling

##### Hazard Pictograms (GHS-US)



##### Signal Word (GHS-US)

: Danger

##### Hazard Statements (GHS-US)

: H225 - Highly flammable liquid and vapor

H302 - Harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H311+H331- Toxic in contact with skin or if inhaled.

H315 - Causes skin irritation.

H318 - Causes serious eye damage.

H335- May cause respiratory irritation.

H336 - May cause drowsiness or dizziness.

H351- Suspected of causing cancer.

H360- May damage fertility or the unborn child.

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### Precautionary Statements (GHS-US)

H373- May cause damage to organs.  
H411 - Toxic to aquatic life with long lasting effects.  
: P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.  
P261 - Avoid breathing vapors, mist, or spray.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
P301+P310 - If swallowed: Immediately call a poison center or doctor.  
P301+P312 - If swallowed: Call a poison center or doctor if you feel unwell.  
P302+P352 - If on skin: Wash with plenty of water.  
P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a poison center or doctor.  
P321 - Specific treatment (see section 4 on this SDS).  
P330 - Rinse mouth.  
P331 - Do NOT induce vomiting.  
P362 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.  
P391 - Collect spillage.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.  
P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.

### 2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name   | Product Identifier  | %       | Classification (GHS-US)   |
|--|---------------------|---------|---|
| Solvent naphtha, petroleum, medium aliphatic | (CAS No) 64742-88-7 | 32 - 48 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411              |
| 2-Butoxyethanol                              | (CAS No) 111-76-2   | 25 - 38 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4<br>(Inhalation:vapour), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319 |

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|  |                      |         |   |
|--|----------------------|---------|---|
| Solvent naphtha, petroleum, light aliphatic                                  | (CAS NO) 64742-89-8  | 15-18   | Flam. Liq. 1, H224<br>STOT SE 3, H335<br>STOT SE 3, H336<br>STOT RE 2, H373<br>Asp. Tox. 1, H304  |
| Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched | (CAS No) 127087-87-0 | 2 - 14  | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412   |
| Lubricating oils, petroleum, hydrotreated spent                              | (CAS No) 64742-58-1  | 2 - 9.5 | Asp. Tox. 1, H304   |
| Xylenes (o-, m-, p- isomers)   | (CAS No) 1330-20-7   | 3 - 9   | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4<br>(Inhalation:vapour), H332<br>Skin Irrit. 2, H315<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401                                       |
| Acetone  | (CAS No) 67-64-1     | 0.5 - 5 | Flam. Liq. 2, H225<br>Eye Irrit. 2A, H319<br>STOT SE 3, H336  |
| 1-Methyl-2-pyrrolidone   | (CAS No) 872-50-4    | 0.5 - 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Repr. 1B, H360<br>STOT SE 3, H335   |
| Ethylbenzene   | (CAS No) 100-41-4    | 0.5 - 6 | Flam. Liq. 2, H225<br>Acute Tox. 4<br>(Inhalation:vapour), H332<br>Carc. 2, H351<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401<br>Aquatic Chronic 3, H412                              |
| Benzene, 1,2,4-trimethyl-  | (CAS No) 95-63-6     | 0.5 - 5 | Flam. Liq. 3, H226<br>Acute Tox. 4<br>(Inhalation:vapour), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>STOT SE 3, H335<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |
| Detergent Additive   | (CAS No) Proprietary | 0.5 - 5 | Flam. Liq. 3, H226<br>Carc. 2, H351<br>STOT SE 3, H336<br>STOT SE 3, H335<br>Asp. Tox. 1, H304  |

\*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret.

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

**First-aid Measures General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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**First-aid Measures After Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**First-aid Measures After Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Eye Contact:** Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**First-aid Measures After Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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

**Symptoms/Injuries:** Causes skin irritation. May cause drowsiness and dizziness. Harmful if swallowed. Causes serious eye damage. May be fatal if swallowed and enters airways.

**Symptoms/Injuries After Inhalation:** High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

**Symptoms/Injuries After Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** This material is harmful orally and can cause adverse health effects or death in significant amounts. Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>). Water may be ineffective but water should be used to keep fire-exposed container cool.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. A heavy water stream may spread burning liquid.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Combustible liquid.

**Explosion Hazard:** May form flammable or explosive vapor-air mixture.

**Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges. Do not breathe vapor, mist or spray.

#### 6.1.1. For Non-emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.1.2. For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Eliminate ignition sources.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

### 6.3. Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools.

### 6.4. Reference to Other Sections

See Section 8, Exposure controls and personal protection and Section 13, Disposal considerations.

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## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Handle empty containers with care because residual vapors are flammable.

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist or spray. Take precautionary measures against static discharge. Use only non-sparking tools.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

**Storage Conditions:** Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.

**Incompatible Products:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

Automotive

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), or OSHA (PEL).

| 2-Butoxyethanol (111-76-2)               |                                      |  |
|--|--------------------------------------|--|
| USA ACGIH                                | ACGIH TWA (ppm)                      | 20 ppm   |
| USA ACGIH                                | ACGIH chemical category              | Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| USA NIOSH                                | NIOSH REL (TWA) (mg/m <sup>3</sup> ) | 24 mg/m <sup>3</sup>   |
| USA NIOSH                                | NIOSH REL (TWA) (ppm)                | 5 ppm  |
| USA IDLH                                 | US IDLH (ppm)                        | 700 ppm  |
| USA OSHA                                 | OSHA PEL (TWA) (mg/m <sup>3</sup> )  | 240 mg/m <sup>3</sup>  |
| USA OSHA                                 | OSHA PEL (TWA) (ppm)                 | 50 ppm   |
| USA OSHA                                 | Limit value category (OSHA)          | prevent or reduce skin absorption                            |
| Benzene, 1,2,4-trimethyl- (95-63-6)      |                                      |  |
| USA NIOSH                                | NIOSH REL (TWA) (mg/m <sup>3</sup> ) | 125 mg/m <sup>3</sup>  |
| USA NIOSH                                | NIOSH REL (TWA) (ppm)                | 25 ppm   |
| Acetone (67-64-1)                        |                                      |  |
| USA ACGIH                                | ACGIH TWA (ppm)                      | 250 ppm  |
| USA ACGIH                                | ACGIH STEL (ppm)                     | 500 ppm  |
| USA ACGIH                                | ACGIH chemical category              | Not Classifiable as a Human Carcinogen                       |
| USA NIOSH                                | NIOSH REL (TWA) (mg/m <sup>3</sup> ) | 590 mg/m <sup>3</sup>  |
| USA NIOSH                                | NIOSH REL (TWA) (ppm)                | 250 ppm  |
| USA IDLH                                 | US IDLH (ppm)                        | 2500 ppm (10% LEL)   |
| USA OSHA                                 | OSHA PEL (TWA) (mg/m <sup>3</sup> )  | 2400 mg/m <sup>3</sup>                                       |
| USA OSHA                                 | OSHA PEL (TWA) (ppm)                 | 1000 ppm   |
| Xylenes (o-, m-, p- isomers) (1330-20-7) |                                      |  |
| USA ACGIH                                | ACGIH TWA (ppm)                      | 100 ppm  |
| USA ACGIH                                | ACGIH STEL (ppm)                     | 150 ppm  |
| USA ACGIH                                | ACGIH chemical category              | Not Classifiable as a Human Carcinogen                       |
| USA OSHA                                 | OSHA PEL (TWA) (mg/m <sup>3</sup> )  | 435 mg/m <sup>3</sup>  |
| USA OSHA                                 | OSHA PEL (TWA) (ppm)                 | 100 ppm  |
| Ethylbenzene (100-41-4)                  |                                      |  |
| USA ACGIH                                | ACGIH TWA (ppm)                      | 20 ppm   |

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|                  |                                       |  |
|------------------|---------------------------------------|--|
| <b>USA ACGIH</b> | ACGIH chemical category               | Not Classifiable as a Human Carcinogen |
| <b>USA NIOSH</b> | NIOSH REL (TWA) (mg/m <sup>3</sup> )  | 435 mg/m <sup>3</sup>                  |
| <b>USA NIOSH</b> | NIOSH REL (TWA) (ppm)                 | 100 ppm                                |
| <b>USA NIOSH</b> | NIOSH REL (STEL) (mg/m <sup>3</sup> ) | 545 mg/m <sup>3</sup>                  |
| <b>USA NIOSH</b> | NIOSH REL (STEL) (ppm)                | 125 ppm                                |
| <b>USA IDLH</b>  | US IDLH (ppm)                         | 800 ppm (10% LEL)                      |
| <b>USA OSHA</b>  | OSHA PEL (TWA) (mg/m <sup>3</sup> )   | 435 mg/m <sup>3</sup>                  |
| <b>USA OSHA</b>  | OSHA PEL (TWA) (ppm)                  | 100 ppm                                |

## 8.2. Exposure Controls

### Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

### Personal Protective Equipment

: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection. Face shield.



### Materials for Protective Clothing

: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

### Hand Protection

: Wear protective gloves.

### Eye Protection

: Chemical goggles or face shield.

### Skin and Body Protection

: Wear suitable protective clothing.

### Respiratory Protection

: In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

### Other Information

: When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

|  |                     |
|--|---------------------|
| <b>Physical State</b>                  | : Liquid            |
| <b>Appearance</b>                      | : Light Green       |
| <b>Odor</b>                            | : No data available |
| <b>Odor Threshold</b>                  | : No data available |
| <b>pH</b>                              | : 8.9 - 10          |
| <b>Evaporation Rate</b>                | : No data available |
| <b>Melting Point</b>                   | : No data available |
| <b>Freezing Point</b>                  | : No data available |
| <b>Boiling Point</b>                   | : No data available |
| <b>Flash Point</b>                     | : > 22 °C (71.6°F)  |
| <b>Auto-ignition Temperature</b>       | : No data available |
| <b>Decomposition Temperature</b>       | : No data available |
| <b>Flammability (solid, gas)</b>       | : No data available |
| <b>Vapor Pressure</b>                  | : No data available |
| <b>Relative Vapor Density at 20 °C</b> | : No data available |
| <b>Relative Density</b>                | : No data available |
| <b>Solubility</b>                      | : No data available |

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**Partition Coefficient: N-Octanol/Water** : No data available

**Viscosity** : No data available

**9.2. Other Information** No additional information available

## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion.

**10.2. Chemical Stability:** Flammable liquid. May form flammable or explosive vapor-air mixture.

**10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**10.4. Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

**10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**10.6. Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

**Acute Toxicity:** Oral: Harmful if swallowed.

| Lubricating oils, petroleum, hydrotreated spent (64742-58-1)                               |  |
|--|--|
| LD50 Oral Rat  | > 2000 mg/kg                             |
| LD50 Dermal Rabbit   | > 4480 mg/kg                             |
| Solvent naphtha, petroleum, medium aliphatic (64742-88-7)                                  |  |
| LD50 Oral Rat  | > 5000 mg/kg                             |
| LD50 Dermal Rabbit   | 3000 mg/kg                               |
| LC50 Inhalation Rat  | > 5.28 mg/l/4h                           |
| 2-Butoxyethanol (111-76-2)   |  |
| LD50 Oral Rat  | 470 mg/kg                                |
| LC50 Inhalation Rat  | 450 ppm/4h                               |
| Benzene, 1,2,4-trimethyl- (95-63-6)  |  |
| LD50 Oral Rat  | 6000 mg/kg                               |
| LD50 Dermal Rabbit   | > 3160 mg/kg                             |
| LC50 Inhalation Rat  | 18 g/m <sup>3</sup> (Exposure time: 4 h) |
| Acetone (67-64-1)  |  |
| LD50 Oral Rat  | 5800 mg/kg                               |
| LD50 Dermal Rabbit   | 15688 mg/kg                              |
| LC50 Inhalation Rat  | 44 g/m <sup>3</sup>                      |
| Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched (127087-87-0) |  |
| LD50 Oral Rat  | 1310 mg/kg                               |

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

| Solvent naphtha, petroleum, medium aliphatic (64742-88-7) |   |
|---|---|
| National Toxicology Program (NTP) Status                  | Evidence of Carcinogenicity.                    |
| 2-Butoxyethanol (111-76-2)                                |   |
| IARC group  | 3   |
| Acetone (67-64-1)   |   |
| OSHA Specifically Regulated Carcinogen List               | In OSHA Specifically Regulated Carcinogen list. |

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** May cause drowsiness or dizziness.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Symptoms/Injuries After Inhalation:** High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.

**Symptoms/Injuries After Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

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**Symptoms/Injuries After Ingestion:** This material is harmful orally and can cause adverse health effects or death in significant amounts. Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General** : Toxic to aquatic life with long lasting effects.

| Lubricating oils, petroleum, hydrotreated spent (64742-58-1) |   |
|--|---|
| LC50 Fish 1  | 79.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])                  |
| LC 50 Fish 2   | 3.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static])                 |
| Solvent naphtha, petroleum, medium aliphatic (64742-88-7)    |   |
| LC50 Fish 1  | 800 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])                      |
| EC50 Daphnia 1   | > 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                   |
| 2-Butoxyethanol (111-76-2)                                   |   |
| LC50 Fish 1  | 1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])                     |
| EC50 Daphnia 1   | 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                    |
| LC 50 Fish 2   | 2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)                              |
| Benzene, 1,2,4-trimethyl- (95-63-6)                          |   |
| LC50 Fish 1  | 7.19 (7.19 - 8.28) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1   | 6.14 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                    |
| Acetone (67-64-1)  |   |
| LC50 Fish 1  | 4144.846 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)                          |
| EC50 Daphnia 1   | 1679.66 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                        |
| LC 50 Fish 2   | 6210 (6210 - 8120) mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])       |
| EC50 Daphnia 2   | 12600 (12600 - 12700) mg/l (Exposure time: 48 h - Species: Daphnia magna)                   |

### 12.2. Persistence and Degradability

| Service Pro GDI Fuel System Cleaner |   |
|-------------------------------------|---|
| Persistence and Degradability       | May cause long-term adverse effects in the environment. |
| Acetone (67-64-1)                   |   |
| Persistence and Degradability       | Readily biodegradable in water.                         |

### 12.3. Bioaccumulative Potential

| Service Pro GDI Fuel System Cleaner                       |                            |
|---|----------------------------|
| Bioaccumulative Potential                                 | Not established.           |
| Solvent naphtha, petroleum, medium aliphatic (64742-88-7) |                            |
| BCF fish 1  | (bioaccumulation expected) |
| 2-Butoxyethanol (111-76-2)                                |                            |
| Log Pow   | 0.81 (at 25 °C)            |
| Benzene, 1,2,4-trimethyl- (95-63-6)                       |                            |
| Log Pow   | 3.63                       |
| Acetone (67-64-1)   |                            |
| BCF fish 1  | 0.69                       |
| Log Pow   | -0.24                      |
| Log Kow   | -0.24                      |

**12.4. Mobility in Soil:** No additional information available

### 12.5. Other Adverse Effects

**Other Information** : Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Additional Information:** Handle empty containers with care because residual vapors are flammable.



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**Ecology – Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. In Accordance with DOT

**Proper Shipping Name** : FLAMMABLE LIQUIDS, TOXIC, N.O.S. (Solvent naphtha, petroleum, medium aliphatic and 2-Butoxyethanol)

**Hazard Class** : 3

**Identification Number** : UN1992

**Label Codes** : 3, 6.1

**Packing Group** : II

**Marine Pollutant** : Marine pollutant



### 14.2. In Accordance with IMDG

**Proper Shipping Name** : FLAMMABLE LIQUIDS, TOXIC, N.O.S. (Solvent naphtha, petroleum, medium aliphatic and 2-Butoxyethanol)

**Hazard Class** : 3

**Identification Number** : UN1992

**Packing Group** : II

**Label Codes** : 3

**EmS-No. (Fire)** : F-E

**EmS-No. (Spillage)** : S-E

**Marine Pollutant** : Marine pollutant



### 14.3. In Accordance with IATA

**Proper Shipping Name** : FLAMMABLE LIQUIDS, TOXIC, N.O.S. (Solvent naphtha, petroleum, medium aliphatic and 2-Butoxyethanol)

**Packing Group** : II

**Identification Number** : UN1992

**Hazard Class** : 3

**Label Codes** : 3

**ERG Code (IATA)** : 3H



## SECTION 15: REGULATORY INFORMATION

### 15.1 US Federal Regulations

|   |  |
|---|--|
| <b>Service Pro GDI Fuel System Cleaner</b>  |  |
| <b>SARA Section 311/312 Hazard Classes</b>  | Fire hazard<br>Immediate (acute) health hazard   |
| <b>Lubricating oils, petroleum, hydrotreated spent (64742-58-1)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>2-Butoxyethanol (111-76-2)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>Benzene, 1,2,4-trimethyl- (95-63-6)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory<br>Listed on United States SARA Section 313 |  |
| <b>SARA Section 313 - Emission Reporting</b>  | 1.0 %  |
| <b>Acetone (67-64-1)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |
| <b>EPA TSCA Regulatory Flag</b>   | T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. |
| <b>Poly(oxy-1,2-ethanediyl), .alpha.-(4-nonylphenyl)-.omega.-hydroxy-, branched (127087-87-0)</b>                     |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory   |  |

### 15.2 US State Regulations

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|  |   |
|--|---|
| <b>Ethylbenzene (100-41-4)</b>   |   |
| <b>U.S. - California - Proposition 65 - Carcinogens List</b>   | WARNING: This product contains chemicals known to the State of California to cause cancer.        |
| <b>1-Methyl-2-pyrrolidone (872-50-4)</b>   |   |
| <b>U.S. - California - Proposition 65 - Developmental Toxicity</b>   | WARNING: This product contains chemicals known to the State of California to cause birth defects. |
| <b>Ethylbenzene (100-41-4)</b>   |   |
| U.S. - Massachusetts - Right To Know List<br>U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List<br>U.S. - Pennsylvania - RTK (Right to Know) List |   |
| <b>1-Methyl-2-pyrrolidone (872-50-4)</b>   |   |
| U.S. - Massachusetts - Right To Know List<br>U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) List  |   |
| <b>2-Butoxyethanol (111-76-2)</b>  |   |
| U.S. - Massachusetts - Right To Know List<br>U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) List  |   |
| <b>Xylenes (o-, m-, p- isomers) (1330-20-7)</b>  |   |
| U.S. - Massachusetts - Right To Know List<br>U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List<br>U.S. - Pennsylvania - RTK (Right to Know) List |   |

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

|                          |   |
|--------------------------|---|
| <b>Revision Date</b>     | : 07/12/2022  |
| <b>Other Information</b> | : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. |

### GHS Full Text Phrases:

|                                  |  |
|----------------------------------|--|
| Acute Tox. 4 (Dermal)            | Acute toxicity (dermal) Category 4                               |
| Acute Tox. 4 (Inhalation:vapour) | Acute toxicity (inhalation:vapour) Category 4                    |
| Acute Tox. 4 (Oral)              | Acute toxicity (oral) Category 4                                 |
| Aquatic Acute 2                  | Hazardous to the aquatic environment - Acute Hazard Category 2   |
| Aquatic Chronic 2                | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Aquatic Chronic 3                | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Asp. Tox. 1                      | Aspiration hazard Category 1                                     |
| Eye Dam. 1                       | Serious eye damage/eye irritation Category 1                     |
| Eye Irrit. 2A                    | Serious eye damage/eye irritation Category 2A                    |
| Flam. Liq. 2                     | Flammable liquids Category 2                                     |
| Flam. Liq. 3                     | Flammable liquids Category 3                                     |
| Flam. Liq. 4                     | Flammable liquids Category 4                                     |
| Skin Irrit. 2                    | Skin corrosion/irritation Category 2                             |
| STOT SE 3                        | Specific target organ toxicity (single exposure) Category 3      |
| STOT SE 3                        | Specific target organ toxicity (single exposure) Category 3      |
| H225                             | Highly flammable liquid and vapor                                |
| H226                             | Flammable liquid and vapor                                       |
| H227                             | Combustible liquid   |
| H302                             | Harmful if swallowed   |
| H304                             | May be fatal if swallowed and enters airways                     |
| H312                             | Harmful in contact with skin                                     |
| H315                             | Causes skin irritation   |

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|      |   |
|------|---|
| H318 | Causes serious eye damage                         |
| H319 | Causes serious eye irritation                     |
| H332 | Harmful if inhaled                                |
| H335 | May cause respiratory irritation                  |
| H336 | May cause drowsiness or dizziness                 |
| H401 | Toxic to aquatic life                             |
| H411 | Toxic to aquatic life with long lasting effects   |
| H412 | Harmful to aquatic life with long lasting effects |

*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.*

SDS US (GHS HazCom)