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

1.1. Product identifier
Product form: Mixture
Trade name: TEMP SELECT PAG OIL CHARGE 3 OZ.
Product code: 40059004

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture: Oil Charge

1.3. Details of the supplier of the safety data sheet
Four Seasons Company
1801 Waters Ridge Drive
Lewisville, TX 75057
T 972-916-8100

1.4. Emergency telephone number
Emergency number: CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
GHS-US classification
Liquefied gas, H280
Full text of H statements: see section 16

2.2. Label elements
GHS-US labeling
Hazard pictograms (GHS-US):

Signal word (GHS-US): Warning
Hazard statements (GHS-US): H280 - Contains gas under pressure; may explode if heated
Precautionary statements (GHS-US): P410+P403 - Protect from sunlight. Store in a well-ventilated place
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

2.3. Other hazards
Other hazards not contributing to the classification: Contact with liquid may cause cold burns/frostbite. Contains gas under pressure; may explode if heated. Intentional misuse and inhalation abuse may cause cardiac or central nervous systems effects. Warning. May Cause frostbite in contact with skin. (Liquid form can be ejected if the aerosol can is not held upright during use.) Warning.

2.4. Unknown acute toxicity (GHS US)
No data available

SECTION 3: Composition/Information on ingredients

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene glycol Monobutylether</td>
<td>(CAS No) 9003-13-8</td>
<td>50 - 70</td>
<td>Not classified</td>
</tr>
<tr>
<td>1,1,1,2-Tetrafluoroethane</td>
<td>(CAS No) 811-97-2</td>
<td>30 - 50</td>
<td>Liquefied gas, H280</td>
</tr>
<tr>
<td>Lubricant Additive</td>
<td>(CAS No) Proprietary</td>
<td>&lt; 1</td>
<td>Eye Irrit. 2A, H319</td>
</tr>
</tbody>
</table>

The exact percentage is a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures
First-aid measures general: Respiratory arrest: artificial respiration or oxygen. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
TEMP SELECT PAG OIL CHARGE 3 OZ.

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| First-aid measures after inhalation | Call a POISON CENTER or doctor/physician if you feel unwell. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Allow victim to breathe fresh air. Allow the victim to rest. |
| First-aid measures after skin contact | Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |
| First-aid measures after eye contact | Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist. |
| First-aid measures after ingestion | Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. |

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

| Symptoms/injuries after inhalation | May cause respiratory irritation. May cause drowsiness or dizziness. May cause irritation or asthma-like symptoms. |
| Symptoms/injuries after eye contact | May cause slight eye irritation. |
| Symptoms/injuries after ingestion | May be harmful if swallowed and enters airways. |

**4.3. Indication of any immediate medical attention and special treatment needed**

No additional information available

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

| Unsuitable extinguishing media | Do not use a heavy water stream. |

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

No additional information available

**5.3. Advice for firefighters**

| Firefighting instructions | Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | Do not enter fire area without proper protective equipment, including respiratory protection. |
| Other information | NFPA Aerosol Level 1. |

**SECTION 6: Accidental release measures**

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

| General measures | Remove ignition sources. |
| Protective equipment for non-emergency personnel | Gloves. Safety glasses. |
| Emergency procedures for non-emergency personnel | Evacuate unnecessary personnel. |
| Protective equipment for emergency responders | Equip cleanup crew with proper protection. |
| Emergency procedures for emergency responders | Ventilate area. |

**6.2. Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

**6.3. Methods and material for containment and cleaning up**

| For containment | Dam up the liquid spill. Contain released substance, pump into suitable containers. |
| Methods for cleaning up | Store away from other materials. |

**6.4. Reference to other sections**

See Heading 8. Exposure controls and personal protection.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

| Additional hazards when processed | Pressurized container: Do not pierce or burn, even after use. |
| Precautions for safe handling | Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. |
| Hygiene measures | Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Wash affected areas thoroughly after handling. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. |
 TEMP SELECT PAG OIL CHARGE 3 OZ.

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7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

Storage area: Store in a well-ventilated place.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls: Local exhaust ventilation, vent hoods. Ensure good ventilation of the work station.

Personal protective equipment: Gloves. Safety glasses. Avoid all unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Wear appropriate mask.

Consumer exposure controls: Avoid contact during pregnancy/while nursing.

Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Gas

Appearance: Liquid.

Color: Colourless to light yellow.

Odor: Characteristic.

Odor threshold: No data available

pH: No data available

Relative evaporation rate (butyl acetate=1): No data available

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: > 149 °C

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid, gas): No data available

Vapor pressure: No data available

Relative vapor density at 20 °C: No data available

Relative density: 0.99

Solubility: Insoluble in water.

Log Pow: No data available

Log Kow: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Explosion limits: No data available

9.2. Other information

VOC content: < 1 %

Gas group: Liquefied gas

12/10/2016

EN (English US)
### SECTION 10: Stability and reactivity

**10.1. Reactivity**
No additional information available

**10.2. Chemical stability**
Not established.

**10.3. Possibility of hazardous reactions**
Not established.

**10.4. Conditions to avoid**
Direct sunlight. Extremely high or low temperatures.

**10.5. Incompatible materials**
Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

### SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1,1,1,2-Tetrafluoroethane (811-97-2)</strong></td>
<td></td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>&gt; 2000 mg/l/4h (Rat; Literature study)</td>
</tr>
<tr>
<td>LC50 inhalation rat (ppm)</td>
<td>&gt; 359300 ppm/4h (Rat; Literature study)</td>
</tr>
</tbody>
</table>

| Polypropylene glycol Monobutylether (9003-13-8) |                |
| LD50 oral rat                                   | > 2000 mg/kg (Rat) |
| LD50 dermal rabbit                              | > 2000 mg/kg (Rabbit) |

| Skin corrosion/irritation                      | Not classified |
| Serious eye damage/irritation                  | Not classified |
| Respiratory or skin sensitization             | Not classified |
| Germ cell mutagenicity                        | Not classified |
| Carcinogenicity                               | Not classified |
| Reproductive toxicity                         | Not classified |
| Specific target organ toxicity (single exposure) | Not classified |
| Specific target organ toxicity (repeated exposure) | Not classified |

Aspiration hazard: Not classified

Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation: May cause respiratory irritation. May cause drowsiness or dizziness. May cause irritation or asthma-like symptoms.


Symptoms/injuries after eye contact: May cause slight eye irritation.

Symptoms/injuries after ingestion: May be harmful if swallowed and enters airways.

### SECTION 12: Ecological information

**12.1. Toxicity**

| **1,1,1,2-Tetrafluoroethane (811-97-2)** |                |
| LC50 fish 1                              | 450 mg/l (LC50: 96 h) |
| EC50 Daphnia 1                           | 980 mg/l (EC50: 48 h) |

| Polypropylene glycol Monobutylether (9003-13-8) |                |
| LC50 fish 1                              | > 10000 mg/l (LC50: 96 h) |
| LC50 other aquatic organisms 1           | > 10000 mg/l (96 h) |

**12.2. Persistence and degradability**

| TEMP SELECT PAG OIL CHARGE 3 OZ. Persistence and degradability | Not established. |
| Lubricant Additive (Proprietary) Persistence and degradability | Not established. |
1,1,1,2-Tetrafluoroethane (811-97-2)

| Persistence and degradability | Not readily biodegradable in water. |

Polypropylene glycol Monobutylether (9003-13-8)

| Persistence and degradability | Not readily biodegradable in water. |

### 12.3. Bioaccumulative potential

**TEMP SELECT PAG OIL CHARGE 3 OZ.**

| Bioaccumulative potential | Not established. |

**Lubricant Additive (Proprietary)**

| Bioaccumulative potential | Not established. |

#### 1,1,1,2-Tetrafluoroethane (811-97-2)

| BCF other aquatic organisms | 5 - 58 (BCF) |
| Log Pow | 1.06 (OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

#### Polypropylene glycol Monobutylether (9003-13-8)

| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

### 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 to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Ecology - waste materials: Avoid release to the environment.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### US DOT (ground):

UN1078, Refrigerant gases, n.o.s., 2.2, Limited Quantity

#### ICAO/IATA (air):

UN1078, Refrigerant gases, n.o.s., 2.2, Limited Quantity

#### IMO/IMDG (water):

UN1078, Refrigerant gases, n.o.s. (1,1,1,2-tetrafluoroethane, Petroleum Distillates), 2.2

Special Provisions:

T50 - When portable tank instruction T50 is referenced in Column (7) of the 172.101 Table, the applicable liquefied compressed gases are authorized to be transported in portable tanks in accordance with the requirements of 173.313 of this subchapter

#### 14.2. UN proper shipping name

| Proper Shipping Name (DOT) | Refrigerant gases, n.o.s. |
| Class (DOT) | 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115 |
| Hazard labels (DOT) | 2.2 - Non-flammable gas |

| DOT Symbols | G - Identifies PSN requiring a technical name |
| DOT Special Provisions (49 CFR 172.102) | T50 - When portable tank instruction T50 is referenced in Column (7) of the 172.101 Table, the applicable liquefied compressed gases are authorized to be transported in portable tanks in accordance with the requirements of 173.313 of this subchapter |

| DOT Packaging Exceptions (49 CFR 173.xxx) | 306 |
| DOT Packaging Non Bulk (49 CFR 173.xxx) | 304 |
| DOT Packaging Bulk (49 CFR 173.xxx) | 314,315 |

### 14.3. Additional information

Other information: No supplementary information available.

**Overland transport**

No additional information available
**Transport by sea**

DOT Vessel Stowage Location: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

**Air transport**

DOT Quantity Limitations Passenger aircraft/rail: 75 kg (49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only: 150 kg (49 CFR 175.75)

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

<table>
<thead>
<tr>
<th>TEMP SELECT PAG OIL CHARGE 3 OZ.</th>
<th>SARA Section 311/312 Hazard Classes</th>
<th>Immediate (acute) health hazard</th>
</tr>
</thead>
</table>

**Lubricant Additive (Proprietary)**

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

1,1,1,2-Tetrafluoroethane (811-97-2)

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

SARA Section 311/312 Hazard Classes: Sudden release of pressure hazard

Immediate (acute) health hazard

#### 15.2. International regulations

**CANADA**

**WHMIS Classification**

Class A - Compressed Gas

**Lubricant Additive (Proprietary)**

Listed on the Canadian DSL (Domestic Substances List)

1,1,1,2-Tetrafluoroethane (811-97-2)

**WHMIS Classification**

Class A - Compressed Gas

**EU-Regulations**

**Lubricant Additive (Proprietary)**

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) - Directive 79/831/EEC, sixth Amendment of Directive 67/548/EEC (dangerous substances)

1,1,1,2-Tetrafluoroethane (811-97-2)

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**

Xn; R22

Full text of R-phrases: see section 16

#### 15.2.2. National regulations

**Lubricant Additive (Proprietary)**

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

1,1,1,2-Tetrafluoroethane (811-97-2)

#### 15.3. US State regulations

<table>
<thead>
<tr>
<th>TEMP SELECT PAG OIL CHARGE 3 OZ.</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>U.S. - California - Proposition 65 - Developmental</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Toxicity</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U.S. - California - Proposition 65 - Reproductive</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Toxicity - Female</td>
<td></td>
</tr>
<tr>
<td></td>
<td>U.S. - California - Proposition 65 - Reproductive</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Toxicity - Male</td>
<td></td>
</tr>
</tbody>
</table>
TEMP SELECT PAG OIL CHARGE 3 OZ.
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Lubricant Additive (Proprietary)</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>Non-significant risk level (NSRL)</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
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</tbody>
</table>

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<tr>
<th>1,1,1,2-Tetrafluoroethane (811-97-2)</th>
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<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>Non-significant risk level (NSRL)</th>
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<tbody>
<tr>
<td>No</td>
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<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Indication of changes : Revision - See : *

Other information : None.

Full text of H-phrases:

<table>
<thead>
<tr>
<th>H280</th>
<th>Contains gas under pressure; may explode if heated</th>
</tr>
</thead>
<tbody>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
</tbody>
</table>

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard : 0 - Materials that will not burn.

NFPA reactivity : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.

HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 0 Minimal Hazard

Physical : 1 Slight Hazard

Personal Protection : B

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product.

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness nor shall any of this information constitute a warranty, whether expressed or implied, as to the safety of the goods, the merchantability of the goods, or the fitness of the goods for a particular purpose. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.

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