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

1.1. Product identifier
Product form : Mixtures
Product name. : TECH SELECT PAG OIL CHARGE 6/3 OZ
Product code : 40059004

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture : FOLLOW LABEL DIRECTIONS

1.3. Details of the supplier of the safety data sheet
FOUR SEASONS MFG CO.
1801 WATERS RIDGE DR.
LEWISVILLE, TX 75057

1.4. Emergency telephone number
Emergency number : CHEMTREC 24 Hour 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (GHS-US)
Compressed gas H280

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
P251 - Pressurized container: Do not pierce or burn, even after use
P412 - 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.

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

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyalkylene glycol alkyl ether</td>
<td>(CAS No) Proprietary</td>
<td>50 - 70</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td>1,1,1,2-tetrafluoroethane</td>
<td>(CAS No) 811-97-2</td>
<td>30 - 50</td>
<td>Compressed 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>

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).
First-aid measures after inhalation : Assure fresh air breathing. 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: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed
No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media
suitable extinguishing media: Foam, Dry powder, Carbon dioxide, Water spray, Sand.
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. Avoid (reject) fire-fighting water to enter 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

6.1.1. For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders
Protective equipment: Equip cleanup crew with proper protection.
Emergency procedures: 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
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
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.

7.2. Conditions for safe storage, including any incompatibilities
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
Personal protective equipment: Avoid all unnecessary exposure.
Hand protection: Wear protective gloves.
Eye protection: Chemical goggles or safety glasses.
Respiratory protection: Wear appropriate mask.
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
**TECH SELECT PAG OIL CHARGE 6/3 OZ**

Safety Data Sheet

 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Molecular mass</td>
<td>102.03 g/mol</td>
</tr>
<tr>
<td>Color</td>
<td>Colourless to light yellow.</td>
</tr>
<tr>
<td>Odor</td>
<td>characteristic</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>-101 °C</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>-26 °C LOWEST COMPONENT</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 149 °C</td>
</tr>
<tr>
<td>Critical temperature</td>
<td>101 °C</td>
</tr>
<tr>
<td>Self ignition temperature</td>
<td>&gt; 743 °C</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>368 °C</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>5720 hPa</td>
</tr>
<tr>
<td>Critical pressure</td>
<td>40560 hPa</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>3.52 (20 °C)</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.2 (-27 °C)</td>
</tr>
<tr>
<td>Density</td>
<td>1206 kg/m³ (-27 °C)</td>
</tr>
<tr>
<td>Solubility</td>
<td>Poorly soluble in water. Soluble in ethanol. Soluble in ether. Soluble in hexane. Water: 0.15 g/100ml (25 °C)</td>
</tr>
<tr>
<td>Log Pow</td>
<td>1.06 (OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method)</td>
</tr>
<tr>
<td>Log Kow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>9.2. Other information</td>
<td></td>
</tr>
<tr>
<td>VOC content</td>
<td>0 %</td>
</tr>
<tr>
<td>Gas group</td>
<td>Compressed gas</td>
</tr>
</tbody>
</table>

**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

Acute toxicity: Not classified

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1,1,2-tetrafluoroethane (811-97-2)</td>
<td></td>
</tr>
<tr>
<td>LC50 inhalation rat (mg/l)</td>
<td>&gt; 2000 mg/l/4h (Rat)</td>
</tr>
<tr>
<td>LC50 inhalation rat (ppm)</td>
<td>&gt; 359300 ppm/4h (Rat)</td>
</tr>
</tbody>
</table>
Polyalkylene glycol alkyl ether (Proprietary)

<table>
<thead>
<tr>
<th>LD50 oral rat</th>
<th>500 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Not classified</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified</td>
</tr>
<tr>
<td>Potential Adverse human health effects and symptoms</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

12.1. Toxicity

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

LC50 fish 1: 450 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
EC50 Daphnia 1: 980 mg/l (48 h; Daphnia magna)

12.2. Persistence and degradability

TECH SELECT PAG OIL CHARGE 6/3 OZ
Persistence and degradability: Not established.

1,1,1,2-tetrafluoroethane (811-97-2)
Persistence and degradability: Not readily biodegradable in water.

Lubricant additive (Proprietary)
Persistence and degradability: Not established.

Polyalkylene glycol alkyl ether (Proprietary)
Persistence and degradability: Not established.

12.3. Bioaccumulative potential

TECH SELECT PAG OIL CHARGE 6/3 OZ
Log Pow: 1.06 (OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method)
Bioaccumulative potential: Not established.

1,1,1,2-tetrafluoroethane (811-97-2)
BCF other aquatic organisms: 5 - 58 (Estimated value)
Log Pow: 1.06 (OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method)
Bioaccumulative potential: Low potential for bioaccumulation (BCF < 500).

Lubricant additive (Proprietary)
Bioaccumulative potential: Not established.

Polyalkylene glycol alkyl ether (Proprietary)
Bioaccumulative potential: Not established.

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 in a safe manner in accordance with local/national regulations.
Ecology - waste materials: Avoid release to the environment.
**SECTION 14: Transport information**

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

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., 2, Limited Quantity

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

**DOT Proper Shipping Name**: Refrigerant gases, n.o.s.

**Department of Transportation (DOT) Hazard Classes**: 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115

**Hazard labels (DOT)**: 2.2 - Non-flammable compressed 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 (49 CFR 173.27): 75 kg

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

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

**TECH SELECT PAG OIL CHARGE 6/3 OZ**

<table>
<thead>
<tr>
<th>SARA Section 311/312 Hazard Classes</th>
<th>Immediate (acute) health hazard Sudden release of pressure hazard</th>
</tr>
</thead>
</table>

**1,1,1,2-tetrafluoroethane (811-97-2)**

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

<table>
<thead>
<tr>
<th>SARA Section 311/312 Hazard Classes</th>
<th>Immediate (acute) health hazard Sudden release of pressure hazard</th>
</tr>
</thead>
</table>

**Lubricant additive (Proprietary)**

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

**Polyalkylene glycol alkyl ether (Proprietary)**

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

#### 15.2. International regulations

**CANADA**

<table>
<thead>
<tr>
<th>WHMIS Classification</th>
<th>Class A - Compressed Gas</th>
</tr>
</thead>
</table>
Lubricant additive (Proprietary)
Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

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

Polyalkylene glycol alkyl ether (Proprietary)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

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

Classification according to Directive 67/548/EEC or 1999/45/EC
Not classified

15.2.2. National regulations

Lubricant additive (Proprietary)
Listed on the AICS (the Australian Inventory of Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.
Listed on the Korean ECL (Existing Chemical List) inventory.
Listed on New Zealand - Inventory of Chemicals (NZIoC)

Polyalkylene glycol alkyl ether (Proprietary)
Listed on the Canadian Ingredient Disclosure List
Listed on KECI (Chemical Inventory of Korea)

15.3. US State regulations

Polyalkylene glycol alkyl ether (Proprietary)
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Indication of changes : Revision - See : *.
Other information : None.

Full text of H-phrases: see section 16:

Acute Tox. 4 (Oral) Acute toxicity (oral) Category 4
Compressed gas Gases under pressure Compressed gas
Eye Irrit. 2A Serious eye damage/eye irritation Category 2A
H280 Contains gas under pressure; may explode if heated
H302 Harmful if swallowed
H319 Causes serious eye irritation

NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard : 1 - Must be preheated before ignition can occur.
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 : 1 Slight Hazard
Physical : 2 Moderate Hazard

SDS US (GHS HazCom 2012) - Technical Chemical
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.