

# FOUR SEASONS ESTER OIL W/UV DYE 55 GAL DRUM

## Safety Data Sheet

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

Revision date: 08/27/2013

Version:

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

#### 1.1. Product identifier

Product form : Mixtures  
Trade name : FOUR SEASONS ESTER OIL W/UV DYE 55 GAL DRUM  
Product code : 85960006

#### 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)

Not classified

#### 2.2. Label elements

##### GHS-US labeling

No labeling applicable

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

No data available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name                          | Product identifier              | %             | Classification (GHS-US) |
|-------------------------------|---------------------------------|---------------|-------------------------|
| Ester                         | (CAS No) Proprietary            | 70 - 85       | Not classified          |
| PROPRIETARY INHIBITOR PACKAGE | (CAS No) Proprietary            | 10 - 30       | Not classified          |
| LUBRICANT OIL FOR UV DYE      | (CAS No) NJ TSRN 80100023-5002P | 0.054 - 0.072 | Not classified          |
| FLUORESCENT DYE               | (CAS No) NJ EIN 80100312-5004P  | 0.018 - 0.036 | Not classified          |

### 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

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## Safety Data Sheet

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### 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.

### 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 : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. 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 products : Sources of ignition. Direct sunlight.

#### 7.3. Specific end use(s)

Follow Label Directions.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| LUBRICANT OIL FOR UV DYE (NJ TSRN 80100023-5002P) |                                     |                          |
|---|-------------------------------------|--------------------------|
| USA ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 5 mg/m <sup>3</sup> 8 HR |
| USA ACGIH   | ACGIH STEL (mg/m <sup>3</sup> )     | 10 mg/m <sup>3</sup>     |
| USA OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 5 mg/m <sup>3</sup> 8 HR |

#### 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 : Liquid  
Appearance : Liquid.

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|   |                            |
|---|----------------------------|
| Color                                       | : Green.                   |
| 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                                 | : > 245 °C                 |
| Self 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                            | : 0.995                    |
| Solubility                                  | : Poorly soluble in water. |
| Log Pow                                     | : No data available        |
| Log Kow                                     | : No data available        |
| Viscosity, kinematic                        | : 95 - 105 cSt @ 40C       |
| Viscosity, dynamic                          | : No data available        |
| Explosive properties                        | : No data available        |
| Oxidizing properties                        | : No data available        |
| Explosive limits                            | : No data available        |

### 9.2. Other information

VOC content : 0 %

## 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

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|  |  |
|--|--|
| Acute toxicity                                     | : Not classified   |
| Skin corrosion/irritation                          | : Not classified   |
| Serious eye damage/irritation                      | : Not classified   |
| Respiratory or skin sensitization                  | : Not classified   |
| Germ cell mutagenicity                             | : Not classifiedBased on available data, the classification criteria are not met |
| Carcinogenicity                                    | : Not classified   |
| Reproductive toxicity                              | : Not classifiedBased on available data, the classification criteria are not met |
| Specific target organ toxicity (single exposure)   | : Not classified   |
| Specific target organ toxicity (repeated exposure) | : Not classifiedBased on available data, the classification criteria are not met |
| Aspiration hazard                                  | : Not classifiedBased on available data, the classification criteria are not met |

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

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

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Persistence and degradability : Not established.

##### LUBRICANT OIL FOR UV DYE (NJ TSRN 80100023-5002P)

Persistence and degradability : Not established.

##### FLUORESCENT DYE (NJ EIN 80100312-5004P)

Persistence and degradability : Not established.

##### Ester (Proprietary)

Persistence and degradability : Not established.

##### PROPRIETARY INHIBITOR PACKAGE (Proprietary)

Persistence and degradability : Not established.

#### 12.3. Bioaccumulative potential

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Bioaccumulative potential : Not established.

##### LUBRICANT OIL FOR UV DYE (NJ TSRN 80100023-5002P)

Bioaccumulative potential : Not established.

##### FLUORESCENT DYE (NJ EIN 80100312-5004P)

Bioaccumulative potential : Not established.

##### Ester (Proprietary)

Bioaccumulative potential : Not established.

##### PROPRIETARY INHIBITOR PACKAGE (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 / ADN / IMDG / ICAO / IATA

US DOT (ground): Not regulated,

ICAO/IATA (air): Not regulated,

IMO/IMDG (water): Not regulated,

#### 14.2. UN proper shipping name

DOT Proper Shipping Name : Not regulated

#### 14.3. Additional information

Other information : No supplementary information available.

#### Overland transport

No additional information available

#### Transport by sea

No additional information available

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### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

No additional information available

### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### 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

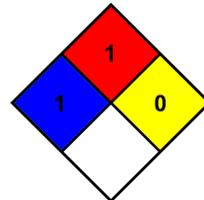
No additional information available

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

|                    |   |
|--------------------|---|
| NFPA health hazard | : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given. |
| NFPA fire hazard   | : 1 - Must be preheated before ignition can occur.  |
| NFPA reactivity    | : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.        |



### HMIS III Rating

|              |  |
|--------------|--|
| Health       | : 1 Slight Hazard - Irritation or minor reversible injury possible |
| Flammability | : 1 Slight Hazard  |
| Physical     | : 0 Minimal 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*