



# SAFETY DATA SHEET

**Air Conditioning Products  
Tools, Equipment & Refrigerant**

## Universal PAG Oil with UV Dye

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

#### 1.1 Product Identifier

**Trade Name:** Universal PAG Oil with UV Dye

**Created Date:** 12/8/23

Other means of identification SDS # FJC-

Product Code #2479, 2480, 2481, 2479-55, 6897

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Industrial lubricant.

#### 1.3 Details of the supplier of the safety data sheet

**FJC Air Conditioning Products**

101 Commercial Drive  
Mooresville, NC 28115

**Phone:** (704) 664-3587 Customer Service

**Fax:** (704) 664-5522

#### 1.4 Emergency telephone number

(800) 535-5053 (USA)

INFOTRAC: +1-352-323-3500 (International)

### SECTION 2: Hazards Identification

#### 2.1 Classification of the substance or mixture

This product is not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### 2.2 Label elements

**Signal Word** No Signal Word

#### Hazard Statements

This product is not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### Precautionary Statements

##### General

Handle in accordance with good industrial hygiene and safety practices.

#### 2.3 Other hazards

None known.

#### 2.4 Unknown Acute Toxicity (US)

None known.

### SECTION 3: Composition / information on ingredient(s)

Chemical Name	CAS Number	EC #	Concentration % by Weight
Universal PAG Oil with UV Dye	-		-

#### Additional Information

**Trade Name:** Universal PAG Oil with UV Dye

**Revision:** 1

**Revision Date:** 12/8/23 Page 1 of 6



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The above hazardous substance(s) or complex substance(s) (if any) are disclosed. As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

<b>General notes</b>	None known.
<b>After inhalation</b>	When exposed to large amounts of steam and mist, move to fresh air.
<b>After skin contact</b>	Wash off with soap and plenty of water.
<b>After eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes as a precaution.
<b>After ingestion</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water.
<b>Self-protection of the first aider</b>	None known.

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

None known.

#### 4.3 Indication of any immediate medical attention and special treatment needed

None known.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Unsuitable extinguishing media</b>	Avoid use of water jet for extinguishing

#### 5.2 Special hazards arising from the substance or mixture

None known.

#### 5.3 Advice for firefighters

Avoid inhalation of materials or combustion by-products. Cool containers with water until well after fire is out. Do not approach the tank surrounded by fire until it is extinguished. In case of conflagration, use automatic fire sprinkler. Major fire may require withdrawal, allowing the object itself to burn. Keep unauthorized personnel out.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

#### 6.2 Environmental precautions

Do not let product enter drains.

#### 6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

None known.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid contact with incompatible materials. Avoid direct physical contact. Comply with all applicable laws and regulations for handling. Only handle with a well-ventilated place. Do not handle until all safety precautions have been read and understood.

#### 7.2 Conditions for safe storage, including any incompatibilities

Avoid direct sunlight. Check regularly for leaks. Do not apply any physical shock to container. Do not apply direct heat. Do not use



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damaged containers.

### 7.3 Incompatibilities/Specific end uses(s)

**Incompatibilities** None known.  
**Specific end use(s)** None known.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None known.

### 8.2 Engineering Controls/Exposure Controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

**Environmental exposure controls** None known.

### 8.3 Protective Measures

**Eye/face protection** Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Hand protection** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Other Skin protection** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Other protection** None known.

**Respiratory protection** Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**General hygiene consideration** None known.

**Thermal hazards** None known.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Property	Value
Appearance	Clear liquid.
Autoignition Temperature	None known.
Boiling Point	None known.
Colors	Neon.
Decomposition Temperature	None known.
Density	0.97 g/ml at 68°F (20°C).
Evaporation Rate	None known.
Flash Point	>210°C (410°F).
Melting/Freezing Point	None known.
Odor Threshold (Detection)	None known.
Odor	Almost odorless.
Vapor Density	None known.



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Vapor Pressure	None known.
pH Value	None known.

### 9.2 Other information

None known.

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

None known.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

Hazardous Polymerization will not occur.

### 10.4 Conditions to avoid

Avoid accumulation of electrostatic charges, Heating, Flames and hot surfaces. Avoid contact with incompatible materials and condition.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

May emit flammable vapour if involved in fire.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Source

#### Skin contact

None known.

#### Eye contact

None known.

#### Inhalation

None known.

#### Ingestion

None known.

#### Symptoms related to characteristics

None known.

#### Acute effects

Dermal: LD50 = 21000 □/□ rabbit.

#### Chronic effects

None known.

### Numerical measures of Toxicity

None known.	
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#### Skin corrosion/irritation

None known.

#### Serious eye damage/eye irritation

None known.

#### Respiratory sensitization

None known.

#### Skin sensitization

None known.

#### Carcinogenicity

None known.

#### Germ cell mutagenicity

None known.

#### Reproductive toxicity

None known.

#### Specific target organ toxicity - single exposure

None known.

#### Specific target organ toxicity - repeated exposure

None known.



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Aspiration hazard

None known.

### SECTION 12: Ecological information

#### 12.1 Toxicity

##### 12.1 Numerical measures of Toxicity

LC50 17 □/l 96 hr.

None known.

#### 12.2 Persistence and degradability

None known.

#### 12.3 Bioaccumulative potential

None known.

#### 12.4 Mobility in soil

None known.

#### 12.5 Results of PBT and vPvB assessment

None known.

#### 12.6 Other adverse effects

None known.

#### 12.7 Additional Information

None known.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Handling for disposal

None known.

##### Methods of disposal

It shall be treated by incineration. Oil water separation technology shall be applied as pre-waste treatment if it is applicable. Stabilization and minimization treatment by incineration or similar method can be applied, if more than two kinds of designated wastes are in mixture state and it is impractical to separate them.

##### Contaminated packaging

Dispose of as unused product.

### SECTION 14: Transport Information

#### D.O.T/ADR/RID - Ground transportation

##### 14.1 UN number

##### 14.2 UN proper shipping name

Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA

##### 14.3 Transport hazard class(es)

None known.

##### 14.4 Packing group

None known.

#### Air transport (ICAO/IATA)

##### 14.1 UN number

##### 14.2 UN proper shipping name

Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA

##### 14.3 Transport hazard class(es)

None known.



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None known.

### 14.4 Packing group

### Sea transport (IMDG)

#### 14.1 UN number

#### 14.2 UN proper shipping name

Not regulated for transportation by DOT, TDG, IMDG, and ICAO/IATA

#### 14.3 Transport hazard class(es)

None known.

#### 14.4 Packing group

None known.

### 14.5 Environmental hazards

None known.

### 14.6. Special precautions for user

None known.

### 14.7. Transport in bulk according to Annex II of Marpol112 and the IBC Code

None known.

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Country or region

Taiwan  
United States of America

#### Inventory List

Taiwan Chemical Substance Inventory (TCSI)  
Toxic Substance Control Act (TSCA)

#### Listed or Exempt (yes/no)

Yes  
Yes

### 15.2 Chemical Safety Assessment

None known.

## SECTION 16: Other Information

Specific Hazard N/A.

### HMIS Ratings

<b>HEALTH</b>	0
<b>FLAMMABILITY</b>	1
<b>PHYSICAL HAZARD</b>	0
<b>PERSONAL PROTECTION</b>	

0 - Normal material.

1 - Above 200°F.

0 - Stable, even under fire conditions and will not react with water, etc.

### NFPA

