MATERIAL SAFETY DATA SHEET

Trade Name: SUNAIR PAG 46
MSDS NO. OB6331
Revision Date: NOT AUTHORIZED
Date Printed: 02/05/2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: SUNAIR PAG 46
Chemical Family: Refrigeration Oil
Synonyms: None
Emergency Telephone (24 hr.): CHEMTREC 1-800-424-9300
Supplier: S.A., Fort Worth, Texas 76117

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight %</th>
<th>OSHA TW A</th>
<th>OSHA STEL</th>
<th>OSHA SKIN</th>
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<tr>
<td>PAG Proprietary Base Stock Mixture</td>
<td>20-80</td>
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<tr>
<td>PAG Proprietary Inhibitor Package Mixture</td>
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<tr>
<th>Component</th>
<th>Weight %</th>
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<th>OSHA Z TWA</th>
<th>OSHA Z Ceiling</th>
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3. HAZARDS IDENTIFICATION

Emergency Overview: May cause allergic skin reaction. Causes eye and skin irritation. Vapor, aerosol or mist of the product and thermal degradation products generated at high temperatures can be irritating and harmful if inhaled.

HMIS Classification: Health: 1 Flammability: 1 Physical Hazard: 0
NFPA Rating: Health: 1 Flammability: 1 Reactivity: 0

4. FIRST AID MEASURES

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower lids. Seek medical attention if irritation persists. May cause mild eye irritation.

Ingestion: No evidence of harmful effects from available information

Inhalation: Not a hazard under normal use conditions. Remove from source of exposure. If signs of irritation or toxicity occur seek medical attention.

Skin Contact: Remove contaminated clothing and shoes, and launder before reuse. Wash with soap and water.

5. FIRE FIGHTING MEASURES

Flammable Properties
Flash Point °F(°C): 340 F (171.1 C)
Flash Point Method: PMCC
Flammable Limits in Air - Lower (%): Not Determined
Flammable Limits in Air - Upper (%): Not Determined
Autoignition Temperature °F(°C): Not Determined
5. FIRE FIGHTING MEASURES

Extiguishing Media: Water fog, carbon dioxide, foam, dry chemical. If water is used, use with care to avoid possible violent production of steam.

Protection Of Fire-Fighters:
Special Fire-Fighting Procedures: Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity.


Aerosol Comments: Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:
Spill Procedures: Wear appropriate protective clothing and equipment to prevent skin and eye contact.
Contain any liquid from leaking containers. Wear protective equipment specified.

Action to be taken if material is released or spilled:
Wash walking surfaces with detergent and water to reduce slipping hazard. Absorb spill with inert material.
Clean up small spills and leaks immediately.

Environmental Precautions: Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

7. HANDLING AND STORAGE

Handling and Storage:
Use only in a well ventilated area. Keep containers tightly closed when not in use. Wash thoroughly after handling. Do Not Swallow. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:
Shower. Eyewash stations. Local exhaust ventilation as necessary to maintain exposures to within applicable limits.

Eyes:
Chemical goggles; also wear a face shield if splashing hazard exists.

Skin Protection:
Use chemical resistant gloves for prolonged skin contact.

Respiratory Protection: Not normally needed, if controls are adequate. If needed, use MSHA-NIOSH approved respirator for organic vapors.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to light yellow liquid
Odor: MILK
pH Value: 5.6
Vapor Pressure: <0.01 mm Hg @ 20°C.
Vapor Density (Air=1): >10
Boiling Point (°F): >200°C
Melting/Freezing Point: -45°C
Solubility in Water: <0.5%
Bulk Density at 20°C: Not Determined
Molecular Weight: Mixture
Specific Gravity (H20=1): 0.98-1
Viscosity: Not Determined
Evaporation Rate: (Butyl Acetate = 1): <0.01
VOC Content(%): Not determined.
Decomposition Temperature: Not Known

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions
Conditions to Avoid: None anticipated
Materials to Avoid: Alkali metals. Strong oxidizing agents.
Hazardous Polymerization: WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION

Toxicological Data:
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<table>
<thead>
<tr>
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Carcinogenicity:

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<th>Component</th>
<th>IARC</th>
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Comments: No component known to be present in this product at >.1% is presently listed as a carcinogen by IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Remarks: Ecological testing has not been conducted on this product.

13. DISPOSAL CONSIDERATION

Waste Classification: This product as purchased does not fall under current U.S. EPA RCRA definitions of hazardous waste. Under RCRA it is the generator's responsibility to determine the status of the waste at the time of its disposal. This product does not contain any CERCLA regulated materials.

Waste Management: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines are found in 40 CFR 261.3. Additionally, state and local rules may apply.

Disposal Method: Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. DOT:
- Proper Shipping Name: Not Regulated
- Hazard Class: Not Applicable
- UN/NA Number: Not Applicable
- DOT Packing Group: Not Applicable

IMDG:
- Proper Shipping Name: Not Regulated
- Hazard Class: Not Applicable
- Hazard Subclass: Not Applicable
- UN No.: Not Applicable
- Packing Group: Not Applicable
- Marine Pollutant: No

15. REGULATORY INFORMATION

US Federal Regulations:

<table>
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<tr>
<th>Component</th>
<th>SARA 313</th>
<th>SARA 302</th>
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State Regulations:

<table>
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<tr>
<th>Component</th>
<th>California Prop. 65 Cancer list</th>
<th>California - Prop 65 Developmental Toxicity</th>
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U.S. TSCA: One or more components of this product is not listed on the TSCA inventory.
Canadian Inventory: One or more components of this product is not listed on the Canadian DSL or NDSL Inventory.

16. OTHER INFORMATION

General Notes: Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.
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