

**Prod.Name:** DAPHNE HERMETIC OIL PS  
**Manufacturer:** APOLLO AMERICA CORPORATION  
**Supplier:** GM of Canada - Oshawa  
**HMCS ID:** 344399  
**SUC:** 04 - Metal Working Fluids and Lubricants

# MATERIAL SAFETY DATA SHEET

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## 1 PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT INFORMATION

**Product Name:** DAPHNE HERMETIC OIL PS

**Product Synonyms:**

AIR CONDITIONING COMPRESSOR OIL - UNIVERSAL

**External Keys:**

10-5026 Distributable Material (Part #)  
10-5040 Distributable Material (Part #)  
12378526 Distributable Material (Part #)  
22695048 Distributable Material (Part #)  
88901445 Distributable Material (Part #)  
89022191 Distributable Material (Part #)  
AIR Primary Tradename - Distributable Material  
CONDITIONING  
COMPRESSOR  
OIL -  
UNIVERSAL

### MANUFACTURER INFORMATION

**Manufacturer:** APOLLO AMERICA CORPORATION

**Address:**

701 PORT ROAD USA INDIANA 47130 JEFFERSONVILLE MAILING

**Communication Lines:**

Phone 313-355-9337 FAX

### SUPPLIER INFORMATION

**Supplier:** GM of Canada - Oshawa

**Address:**

1908 Colonel Sam Drive CAN ON L1H8P Oshawa Mailing  
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**Comment:**

CONTACT: TERESA SUMMERS. CHEMICAL NAME: PROPRIETARY MIXTURE. PRODUCE USE: REFRIGERANT OIL.  
EMERGENCY OVERVIEW: TOXIC FUMES MAY BE RELEASED IN CASE OF FIRE. FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING AND SELF CONTAINED BREATHING APPARATUS. IF HEATED ABOVE ITS FLASHPOINT IN THE PRESENCE OF AIR, PRODUCT CAN SUPPORT COMBUSTION.

## 2 INGREDIENT INFORMATION

### FORMULATION

**Ingredients:**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Prefix</u>	<u>Value</u>	<u>Unit</u>	<u>Exposure Limits</u>
p-CRESOL, 2,6-DI-tert-BUTYL-	128-37-0	Range	0.3 - 0.7	% Wt	No
PHOSPHORIC ACID, TRITOLYL ESTER	1330-78-5	Range	1 - 1.5	% Wt	No
SORBITAN, MONOOLEATE	1338-43-8	Range	1 - 1.5	% Wt	No
POLYALKYLENE GLYCOL	989915-57-3	>	95	% Wt	No

## 3 HAZARDS IDENTIFICATION

**Hazards Overview:**

Skin Primary Entry: Yes. Eye Primary Entry: Yes. Inhalation Primary Entry: Yes. Ingestion Primary Entry: Yes.

**Specific Hazards (Routes Of Exposure):**

<u>Exposure Routes</u>	<u>Exposure Duration</u>	<u>Observation</u>
Skin Contact	General	POTENTIAL HEALTH EFFECTS: PROLONGED AND/OR REPEATED SKIN CONTACT WITH THIS PRODUCT MAY CAUSE IRRITATION/DERMATITIS.
Eye Contact	General	POTENTIAL HEALTH EFFECTS: THIS PRODUCT MAY CAUSE IRRITATION TO THE EYES.
Inhalation	General	POTENTIAL HEALTH EFFECTS: IF SPRAYED

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### Exposure Routes

### Exposure Duration

### Observation

Ingestion

General

OR MISTED MAY CAUSE CHEMICAL PNEUMONITIS. EXPOSURE MAY CAUSE IRRITATION TO EYES, NOSE, AND THROAT. POTENTIAL HEALTH EFFECTS: WILL HAVE A LAXATIVE EFFECT IF SWALLOWED. LOW TOXICITY.

**Medical Conditions Aggravated By Exposure:**  
NOT YET DETERMINED.

## 4 FIRST AID MEASURES

### First Aid By::

**Inhalation** MOVE PERSON TO NON-CONTAMINATED AIR. IF THE AFFECTED PERSON IS NOT BREATHING, APPLY ARTIFICIAL RESPIRATION. SEEK MEDICAL ATTENTION.  
**Skin Contact** FOR SKIN CONTACT, FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE.  
**Eye Contact** IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, WHILE HOLDING EYELIDS. SEEK MEDICAL ATTENTION AT ONCE.  
**Ingestion** IF MATERIAL IS INGESTED, IMMEDIATELY CONTACT A PHYSICIAN OR POISON CONTROL CENTER. DO NOT INDUCE VOMITING. IF VOMITING OCCURS NATURALLY, HAVE VICTIM LEAN FORWARD TO REDUCE RISK OF ASPIRATION.

### Notes To Physician:

PROVIDE GENERAL SUPPORTIVE MEASURES AND TREAT SYMPTOMATICALLY.

## 5 FIRE FIGHTING MEASURES

### Flash Point:

= 230 C COC.

### Autoignition Temperature:

N/D

### Fire and Explosion Hazards:

GENERAL FIRE HAZARDS: THIS PRODUCT IS COMBUSTIBLE AT HIGH TEMPERATURES. SHUT OFF THE SOURCE OF FUEL, IF POSSIBLE. DO NOT CUT, WELD, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION.

### Special Fire Fighting Procedures:

FIREFIGHTERS SHOULD WEAR FULL-FACE, SELF CONTAINED BREATHING APPARATUS AND IMPERVIOUS PROTECTIVE CLOTHING. FIREFIGHTERS SHOULD AVOID INHALING ANY COMBUSTION PRODUCTS. DO NOT DIRECT A SOLID STREAM OF WATER OR FOAM INTO HOT, BURNING POOLS; THIS MAY RESULT IN FROTHING AND INCREASE FIRE INTENSITY. EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CARBON DIOXIDE.

### Comment:

UPPER (UFL) AND LOWER (LFL) FLAMMABLE LIMIT: N/D. RATE OF BURNING: N/D. FLAMMABILITY CLASSIFICATION: N/D. HAZARDOUS COMBUSTION PRODUCTS: IRRITATING AND TOXIC GASES MAY BE RELEASED DURING A FIRE. CARBON MONOXIDE, CARBON DIOXIDE AND HYDROCARBON FRAGMENTS.

## 6 ACCIDENTAL RELEASE MEASURES

### Comment:

Spill or Leak Procedures: CONTAINMENT PROCEDURES: STOP THE FLOW OF MATERIAL, IF THIS IS WITHOUT RISK. ELIMINATE ALL SOURCES OF IGNITION OR FLAMMABLES THAT MAY COME INTO CONTACT WITH A SPILL OF THIS MATERIAL. ABSORB THE SPILLED MATERIAL WITH AN INERT ABSORBENT (NONFLAMMABLE) MATERIAL. DO NOT ALLOW THE SPILLED PRODUCT TO ENTER PUBLIC DRAINAGE SYSTEM OR OPEN WATER COURSES. CLEAN-UP PROCEDURES: VENTILATE THE CONTAINMENT AREA. SWEEP UP OR GATHER MATERIAL AND PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL. WASH SPILL AREA THOROUGHLY. WEAR APPROPRIATE PROTECTIVE EQUIPMENT DURING CLEANUP. FOLLOW ALL LOCAL, STATE, FEDERAL AND PROVINCIAL REGULATIONS FOR DISPOSAL. EVACUATION PROCEDURES: EVACUATE THE AREA PROMPTLY AND KEEP UPWIND OF THE SPILLED MATERIAL. ISOLATE THE SPILL AREA TO PREVENT PEOPLE FROM ENTERING. SPECIAL PROCEDURES: HAVE EMERGENCY EQUIPMENT READILY AVAILABLE.

## 7 HANDLING AND STORAGE

### STORAGE

#### Additional Information on Storage Conditions:

Precautions to be Taken in Handling and Storage: WHEN USING THIS MATERIAL, DO NOT EAT, DRINK OR SMOKE. AVOID PROLONGED OR REPEATED SKIN CONTACT WITH THIS MATERIAL. WASH THOROUGHLY AFTER HANDLING. STORE IN A COOL, DRY, WELL-VENTILATED AREA. DO NOT HANDLE OR STORE NEAR AN OPEN FLAME, HEAT OR OTHER SOURCES OF IGNITION. DO NOT STORE THIS MATERIAL IN OPEN OR UNLABELED CONTAINERS.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Engineering Measures:

Engineering Controls: USE GENERAL VENTILATION AND USE LOCAL EXHAUST, WHERE POSSIBLE, IN CONFINED OR ENCLOSED SPACES. GENERAL PRODUCT INFORMATION: EYE WASH FOUNTAIN AND EMERGENCY SHOWERS ARE RECOMMENDED.

### PERSONAL PROTECTIVE EQUIPMENT

#### Personal Protective Equipment (PPE):

Eye Protection	WEAR CHEMICAL GOGGLES; FACE SHIELD (IF SPLASHING IS POSSIBLE).
Skin Protection	NORMAL WORK CLOTHING (LONG SLEEVED SHIRTS AND LONG PANTS) IS RECOMMENDED. DO NOT WEAR RINGS, WATCHES, OR SIMILAR APPAREL THAT COULD ENTRAP THE MATERIAL AND CAUSE A SKIN REACTION.
Respiratory Protection	IF MIST IS GENERATED (HEATING, SPRAYING) AND ENGINEERING CONTROLS ARE NOT SUFFICIENT, WEAR APPROVED ORGANIC VAPOR RESPIRATOR SUITABLE FOR OIL MIST.
General Protection	GENERAL: RESPIRATORS SHOULD BE SELECTED BY AND USED UNDER THE DIRECTION OF A TRAINED HEALTH AND SAFETY PROFESSIONAL FOLLOWING REQUIREMENTS FOUND IN OSHA'S (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION) RESPIRATOR STANDARD (29 CFR 1910.134) AND ANSI'S STANDARD FOR RESPIRATORY PROTECTION (Z88.2-1992). A WRITTEN RESPIRATORY PROTECTION PROGRAM, INCLUDING PROVISIONS FOR MEDICAL CERTIFICATION, TRAINING, FIT TESTING, EXPOSURE ASSESSMENTS, MAINTENANCE, INSPECTION, CLEANING, AND CONVENIENT, SANITARY STORAGE MUST BE IMPLEMENTED.
Hand Protection	WEAR CHEMICALLY IMPERVIOUS GLOVES FOR PROLONGED CONTACT.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

**Physical State:** Physical State: Liquid.

**Color:** CLEAR OILY LIQUID.

**Odor:** MILD.

### PHYSICAL PROPERTIES

#### pH Value:

Concentrate N/D

#### Changes of State:

Boiling Point N/D

Melting/Freezing Point N/A

#### Vapor Pressure:

N/D

#### Vapor Density:

N/D

#### Specific Gravity:

= 1.01

#### Solubility:

Water Solubility in Water Text:INSOLUBLE.

#### Comment:

ADDITIONAL INFORMATION: NO ADDITIONAL INFORMATION AVAILABLE.

## 10 STABILITY AND REACTIVITY

### STABILITY INFORMATION

**Stability Under Normal Conditions:** Stable

**Hazardous Polymerization:**

Hazardous Polymerization: None.

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### HAZARDOUS DECOMPOSITION

#### Reactions:

##### Type of Reaction

Decomposition

##### Reaction Products

HAZARDOUS COMBUSTION PRODUCTS MAY INCLUDE CARBON MONOXIDE, CARBON DIOXIDE AND HYDROCARBON FRAGMENTS.

#### Comment:

Stability Text: STABLE UNDER NORMAL CONDITIONS. CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, SPARKS, OR OPEN FLAME. INCOMPATIBILITY: THIS PRODUCT MAY REACT WITH STRONG OXIDIZING AGENTS.

## 11 TOXICOLOGICAL INFORMATION

### CLASSIFICATION OF INGREDIENTS

#### Carcinogenicity:

GENERAL PRODUCT INFORMATION: NOT LISTED BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS), IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NIOSH (NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH), NTP (NATIONAL TOXICOLOGY PROGRAM) OR OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION). COMPONENT CARCINOGENICITY: THIS MATERIAL HAS NO COMPONENTS LISTED.

#### Comment:

Toxicological Data Unlimited Text: GENERAL TOXICITY: GENERAL PRODUCT INFORMATION: NO ADDITIONAL INFORMATION AVAILABLE. COMPONENT ANALYSIS-LD50/LC50: THIS MATERIAL HAS NO COMPONENTS LISTED.

## 12 ECOLOGICAL INFORMATION

### ENVIRONMENTAL IMPACT

#### Comment:

ECOTOXICITY: NO INFORMATION AVAILABLE. ENVIRONMENTAL FATE: NO INFORMATION AVAILABLE FOR THE PRODUCT. DO NOT ALLOW THIS MATERIAL DO DRAIN INTO SEWERS/WATER SUPPLIES.

## 13 DISPOSAL CONSIDERATIONS

#### Waste Disposal Information:

US EPA (ENVIRONMENTAL PROTECTION AGENCY) WASTE NUMBER AND DESCRIPTIONS: GENERAL PRODUCT INFORMATION: MATERIAL, IF DISCARDED, IS NOT EXPECTED TO BE A CHARACTERISTIC HAZARDOUS WASTE UNDER RCRA. YOU MUST TEST YOUR WASTE USING METHODS DESCRIBED IN 40 CFR PART 261 TO DETERMINE IF IT MEETS APPLICABLE DEFINITIONS OF HAZARDOUS WASTES. DISPOSAL INSTRUCTIONS: RECYCLING OF THIS PRODUCT IS ENCOURAGED. DISPOSE OF WASTE MATERIAL ACCORDING TO LOCAL, STATE, FEDERAL, AND PROVINCIAL ENVIRONMENTAL REGULATIONS.

## 14 TRANSPORT INFORMATION

#### Comment:

INTERNATIONAL TRANSPORTATION REGULATIONS: NOTE: THE DATA IN THIS SECTION IS MEANT AS A GUIDE TO THE OVERALL CLASSIFICATION OF THE PRODUCT. HOWEVER, TRANSPORTATION CLASSIFICATIONS MAY BE SUBJECT TO CHANGE WITH CHANGES IN PACKAGE SIZE. CONSULT SHIPPER REQUIREMENTS UNDER I.M.O., I.C.A.O. (I.A.T.A.) AND 49 CFR TO ASSURE REGULATORY COMPLIANCE.

## 15 REGULATORY INFORMATION

### LABELLING

#### Hazard Codes:

NFPA Flammability	1
NFPA Health	2
NFPA Reactivity	0

### NATIONAL REGULATIONS

**Immediate Health:** No

**Delayed Health:** No

**Fire:** No

**Sudden Pressure Release:** No

**Reactive:** No

#### Comment:

RCRA Hazardous Waste Number Text: US EPA (ENVIRONMENTAL PROTECTION AGENCY) WASTE NUMBER AND DESCRIPTIONS: GENERAL PRODUCT INFORMATION: MATERIAL, IF DISCARDED, IS NOT EXPECTED TO BE A CHARACTERISTIC HAZARDOUS WASTE UNDER RCRA. YOU MUST TEST YOUR WASTE USING METHODS DESCRIBED IN 40 CFR PART 261 TO DETERMINE IF IT MEETS APPLICABLE DEFINITIONS OF HAZARDOUS WASTES.

#### Comment:

US FEDERAL REGULATIONS: GENERAL PRODUCT INFORMATION: THIS PRODUCT IS LISTED ON THE U.S. EPA

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(ENVIRONMENTAL PROTECTION AGENCY) TSCA (TOXIC SUBSTANCE CONTROL ACT) INVENTORY. COMPONENT ANALYSIS: THIS MATERIAL HAS NO COMPONENTS LISTED. STATE REGULATIONS: GENERAL PRODUCT INFORMATION: OTHER STATE REGULATIONS MAY APPLY. CHECK INDIVIDUAL STATE REQUIREMENTS. OTHER REGULATIONS: COMPONENT ANALYSIS-WHMIS IDL: THIS MATERIAL HAS NO COMPONENTS LISTED.

### 16 OTHER INFORMATION

**Additional Comments:**

COMBUSTIBLE LIQUID. IF HEATED ABOVE ITS FLASHPOINT IN THE PRESENCE OF AIR, PRODUCT CAN SUPPORT COMBUSTION. LAUNDER OR DISCARD SOILED CLOTHES. AVOID PROLONGED CONTACT.