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THE POWER OF THREE<sup>3</sup>  
**PHARMCO-AAPER**  
AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300

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**MATERIAL SAFETY DATA SHEETS**

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REDISTILLED PEPPERMINT OIL

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PRODUCT IDENTIFICATION

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PRODUCT NAME: REDISTILLED PEPPERMINT OIL  
MATERIAL SAFETY DATA SHEET  
PEPPERMINT OIL

Manufacturer: PHARMCO-AAPER  
58 Vale Road  
Brookfield, CT 06804  
Phone (203) 740-3471  
Fax (203) 740-3481

1101 Isaac Shelby Drive  
Shelbyville, KY 40065  
Phone (502) 633-0650  
Fax (502) 633-0685

Emergency Contact:  
CHEMTREC 1-800-424-9300

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TRADE NAME/SYNONYMS: REDISTILLED PEPPERMINT FCC/NF "CRYSTAL WHITE"  
CHEMICAL NAME/SYNONYMS: MENTHA PIPERITA  
CHEMICAL FAMILY: NOT APPLICABLE  
FORMULA: ESSENTIAL OIL  
PRODUCT TYPE NO.: 100-140  
HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\* \*  
\* HEALTH 1 \*  
\* FLAMMABILITY 2 \*  
\* REACTIVITY 1 \*  
\* PROTECTION G \*  
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SECTION 2 – HAZARDOUS INGREDIENTS  
THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS: NO  
CHEMICAL/COMMON NAME: PEPPERMINT OIL  
CAS-NUMBER: 8006-90-4  
THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, OR OSHA): NO

SECTION 3 – HEALTH HAZARD DATA  
HEALTH EFFECTS (Acute and Chronic) – FOOD AND DRUG ADMINISTRATION EVALUATION

WAS GRAS. FEMA EVALUATION GRAS.

FDA 182.2, COE 282, NT1, GB2. ORAL LD50 IS 4441 = 653 mg/Kg (SLRU).

PRIMARY ROUTES OF ENTRY – N/A

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE – N/A

SPECIFIC RISK SUMMARY – CAN CAUSE EYE IRRITATION AND SKIN IRRITATION.

HARMFUL

IF SWALLOWED. INHALATION MAY CAUSE NAUSEA.

EMERGENCY FIRST AID PROCEDURES – FLUSH EYES WITH WATER UNTIL DISCOMFORT IS

RELIEVED. WASH SKIN WITH SOAP AND WATER. CONSULT A PHYSICIAN IF REQUIRED.

REMOVE TO FRESH AIR.

#### SECTION 4 – CHEMICAL DATA

BOILING POINT (F): N/A

SPECIFIC GRAVITY (WATER=1): 0.9

VAPOR PRESSURE (mmHG): N/I

PERCENT VOLATILE BY VOLUME (%): 95

VAPOR DENSITY (AIR=1): N/I

EVAPORATION RATE (N/I = 1): SLOW

SOLUBILITY IN WATER – SLIGHTLY < 1%

APPEARANCE AND ODOR INFORMATION – CLEAR TO AMBER, COLORLESS LIQUID WITH A CHARACTERISTIC ODOR OF PEPPERMINT.

#### SECTION 5 – PHYSICAL HAZARD DATA

FLASH POINT (Method Used): >141 F (CC)

FLAMMABLE LIMITS: LEL=N/I UEL=N/I

EXTINGUISHING MEDIA – CARBON DIOXIDE, FOAM, OR DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURE – SCBA RECOMMENDED.

UNUSUAL FIRE AND EXPLOSION HAZARDS – COMBUSTIBLE LIQUID KEEP AWAY FROM HEAT,

SPARK AND OPEN FLAME.

INCOMPATIBILITY (Materials To Avoid) – AVOID STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS – ACRID SMOKE: CARBON MONO & DIOXIDE

WILL HAZARDOUS POLYMERIZATION OCCUR – NO

CONDITIONS TO AVOID FOR POLYMERIZATION – N/A

IS THE PRODUCT STABLE – YES

CONDITIONS TO AVOID FOR STABILITY – AVOID TEMPERATURES OVER 60 F

#### SECTION 6 – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED – ELIMINATE SOURCES

OF IGNITION. WIPE UP SMALL SPILLS WITH CLOTH. ABSORB LARGER SPILLS WITH

SAND, SAWDUST, OR SIMILAR POROUS MATERIAL. CAUTION – VERY SLIPPERY ON FLOOR.

WASTE DISPOSAL METHODS – TAKING INTO CONSIDERATION LOCAL AUTHORITY

REGULATIONS, WASTE MAY BE INCINERATED OR HANDLED THROUGH EPA SPILL

CONTROL

PLAN VIA LAND FILL OR DILUTION. LARGE AMOUNTS MAY BE RECYCLED.

#### SECTION 7 – EXPOSURE CONTROL INFORMATION

VENTILATION –

LOCAL EXHAUST: ADEQUATE

MECHANICAL (General): YES

SPECIAL: N/A

OTHER: N/A

RESPIRATORY PROTECTION – OPTIONAL DEPENDING ON CONDITION OF USE

PROTECTIVE GLOVES – RUBBER OR PLASTIC

OTHER PROTECTIVE EQUIPMENT – SAFETY GLASSES OR GOGGLES

OTHER ENGINEERING CONTROLS – N/A

WORK PRACTICES – ALWAYS FOLLOW GOOD MANUFACTURING PRACTICES  
HYGIENIC PRACTICES – WASH HANDS AND ARMS AFTER HANDLING

**SECTION 8 – SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE – STORE IN FULL, TIGHTLY CLOSED CONTAINERS AT ROOM TEMPERATURES AWAY FROM HEAT AND SUNLIGHT. PARTIALLY FILLED CONTAINERS SHOULD BE COVERED WITH NITROGEN.

**Regulatory Data**

**Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA):** No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERCLA.

The information contained herein is based on data considered to be accurate based on the material as packaged. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It is the user's obligation to determine the conditions of safe use of the product. While this MSDS is based on technical data judged to be reliable, PHARMCO-AAPER assumes not responsibility for the completeness or accuracy of the information contained herein.