

An ISO 9001:2000  
Certified Company



THE POWER OF THREE<sup>3</sup>

**PHARMCO-AAPER**

AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300 or 202-483-7616

## MATERIAL SAFETY DATA SHEETS

Part Number/Trade Name: CASTOR OIL  
This MSDS is valid for all grades and catalog numbers

### General Information

#### 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

### Ingredients/Identity Information

Ingredient: CASTOR OIL  
Ingredient Sequence Number: 01  
Percent: 100  
NIOSH (RTECS) Number: FI4100000  
CAS Number: 8001-79-4

OSHA PEL: NONE ESTABLISHED  
ACGIH TLV: NONE ESTABLISHED  
Other Recommended Limit: NONE  
ESTABLISHED

### Physical/Chemical Characteristics

Appearance And Odor: LIQUID  
Boiling Point: >450F/232C  
Specific Gravity: 0.96

Evaporation Rate And Ref: <1 ETHER =1  
Percent Volatiles By Volume: NIL

### Fire and Explosion Hazard Data

Flash Point: >440F/226.7C  
Extinguishing Media: FOAM, CARBON  
DIOXIDE, OR SAND.

Special Fire Fighting Proc: WEAR SELF-  
CONTAINED BREATHING APPARATUS.  
Unusual Fire And Expl Hazrds: NONE  
STATED.

### Reactivity Data

Stability: YES  
Cond To Avoid (Stability): NONE STATED.

Materials To Avoid: CAUSTIC  
AMINES,ALKANOLAMINES,INORGANIC  
ACIDS.

Hazardous Decomp Products: CARBON  
DIOXIDE,CARBON MONOXIDE

Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NONE

---

---

Health Hazard Data

---

---

LD50-LC50 Mixture: NOT EVALUATED  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: NO  
Route Of Entry - Ingestion: NO  
Health Haz Acute And Chronic: MAY BE A  
SLIGHT LOCAL IRRITANT.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO Explanation  
Carcinogenicity: THERE ARE NO

INGREDIENTS ABOVE 0.1% WHICH ARE  
IDENTIFIED AS CARCINOGENS BY  
NTP,IARC OR OSHA.  
Signs/Symptoms Of Overexp: POSSIBLE  
LOCAL IRRITANT.  
Med Cond Aggravated By Exp: NONE  
STATED.  
Emergency/First Aid Proc: SKIN:WASH  
THOROUGHLY WITH SOAP AND WATER

---

---

Precautions for Safe Handling and Use

---

---

Steps If Matl Released/Spill: CALL NATIONAL  
RESPONSE CENTER;800-424-8802.  
CONFINE WITH SAND OR OTHER INERT  
MEDIA. PLACE IN APPROPRIATE  
CONTAINER FOR  
REUSE OR DISPOSAL.WASH SPILL AREA  
TO REMOVE SLIPPINESS.  
Neutralizing Agent: NONE

Waste Disposal Method: DISPOSE OF IN  
ACCORDANCE WITH FEDERAL,STATE  
AND  
LOCAL REGULATIONS.  
Precautions-Handling/Storing: STORE IN A  
COOL,DRY PLACE,AWAY FROM  
INCOMPATIBLE AMINES OR INORGANIC  
ACIDS.  
Other Precautions: NONE

---

---

Control Measures

---

---

Respiratory Protection: NONE USUALLY  
NEEDED.  
Ventilation: NORMAL DILUTION  
VENTILATION.  
Protective Gloves: RUBBER OR NEOPRENE  
RECOMMENDED.

Eye Protection: GOGGLES.  
Other Protective Equipment: NONE STATED.  
Work Hygienic Practices: USE REASONABLE  
CARE IN HANDLING THIS ITEM.  
Suppl. Safety & Health Data: NONE

---

---

Transportation Data

---

---

DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT  
REGULATED BY THIS MODE OF  
TRANSPORTATION  
IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT  
REGULATED FOR THIS MODE OF  
TRANSPORTATION

IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT  
REGULATED BY THIS MODE OF  
TRANSPORTATION  
AFI PSN Code: ZZZ  
AFI Prop. Shipping Name: NOT REGULATED  
BY THIS MODE OF TRANSPORTATION  
Additional Trans Data: NONE

---

---

Disposal Data

---

---

Refer to applicable regional, state and federal codes.

---

---

---

---

Label Data

---

---

MFR Label Number: UNKNOWN

Label Status: F

Common Name: CASTOR OIL 1 / PALE  
PRESSED CASTOR OIL  
Chronic Hazard: NO  
Signal Word: CAUTION!  
Acute Health Hazard-Slight: X  
Contact Hazard-Slight: X  
Protect Eye: Y

Fire Hazard-Slight: X  
Reactivity Hazard-Slight: X  
Special Hazard Precautions: MAY BE A  
SLIGHT LOCAL IRRITANT. STORE IN A  
SKIN: WASH THOROUGHLY WITH SOAP  
AND WATER.

---

---

#### Regulatory Data

---

---

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are: **NONE**

---

The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.