



7047 Kearny Drive, Huntington Beach, CA 92648

DAY: (619) 449-5000  
EMERGENCY 24 HOURS  
CHEMTREC: 800-424-9300

HEALTH REACTIVITY

PERSONAL PROTECTION (NFPA)

# MATERIAL SAFETY DATA SHEET

(Essentially Similar To Form OSHA-20) <Complies with 29CFR 1910.1200>

## SECTION 1

TRADE NAME: BMC 902 CASTOR

DATE 8/8/94

CODE NUMBER: 23916/23901/23964/23505/23055

SUPERCEDES

CHEMICAL FAMILY: CASTOR OIL

C.A.S. NO. MIXTURE

CARCINOGENIC INGREDIENTS/OSHA/NIP/IARC: NONE

TCSA INFORMATION: Components of this product are listed.

## SECTION II-HAZARDOUS INGREDIENTS

COMPONENTS	C.A.S. NOS.	TLV/PEL		% BY WEIGHT VOLUME
		PPM	mg/m3	
NON-HAZARDOUS CASTOR OIL ESTER	8001794 27178161	NONE		<70 >30

## SECTION III-FIRE AND EXPLOSION HAZARD DATA

HAZARDOUS THERMAL DECOMPOSITION Carbon Monoxide & Asphyxiants	FLAMMABLE LIMITS: LEL-UEL n/a
EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Water	FLASHPOINT: 275°C (540°F) DOT INFORMATION: Oils, liquid
UNUSUAL FIRE AND EXPLOSION HAZARDS: none	
SPECIAL FIRE FIGHTING PROCEDURES: none	

## SECTION IV-PHYSICAL DATA

BOILING RANGE: >260°C	SOLUBILITY: neg.	PH: n/d		
VAPOR PRESSURE: <0.01 Hgmm @ 20°C	APPEARANCE AND ODOR: clear amber, viscous liquid			
VAPOR DENSITY	EVAPORATION RATE	SPECIFIC GRAVITY	WEIGHT PER GALLON	% VOLATILE BY VOLUME
heavier THAN AIR	less THAN ETHER	0.96	8.0	nil

## SECTION V-REACTIVITY DATA

INCOMPATIBILITY <MATERIAL TO AVOID>: Caustic amines & inorganic acids
STABILITY: stable      CONDITION TO AVOID: n/a
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide & asphyxiants
HAZARDOUS POLYMERIZATION none

## SECTION VI-HEALTH HAZARD DATA

ROUTE OF EXPOSURE	ADVERSE AFFECTS	FIRST AID PROCEDURES	NFPA
GNI	Not normally expected to cause any ill effects except in very sensitive individuals.	Induce vomiting. Consult a physician.	
INH	No significant adverse health effects are expected to occur on short time exposure.	Remove from contaminated area. Apply artificial respiration. If unconscious consult a physician.	
EYEN	Not normally expected to cause any ill effects.	Flush with copious amounts of water.	
ASCKOINTE	Not normally expected to cause any ill effects.	Wash with soap & water. Consult physician if irritation occurs.	
CSCHRONIC	Prolonged or repeated contact may produce mild irritation. Personnel with skin disorders should avoid contact.	Wear protective clothing to avoid skin contact. Consult physician if irritation should develop.	

### <DOT> SECTION VII-SPILL OR LEAK PROCEDURES <EPA>

**STEPS TO BE TAKEN IN CASE**

**MATERIAL IS RELEASED OR SPILLED:** Stop flow. Wipe or mop up or absorb with inert material. Store in appropriate container for disposal.

**WASTE DISPOSAL METHOD:** In accordance with local, state & federal regulations.

**TRANSPORTATION INFORMATION:** Consult 46CFR parts 1-300 and refer to section III of this MSDS for additional information.

### SECTION VIII-SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** None normally required.

**PROTECTIVE GLOVES:** Recommended.

**OTHER PROTECTIVE EQUIPMENT:** Eye protection recommended.

**VENTILATION:** No special requirements

### SECTION IX-SPECIAL PRECAUTIONS

**PRECAUTION TO BE TAKEN WHEN HANDLING OR STORING:** Avoid storage near open flame. Avoid spills as floor becomes very slippery.

**PERSONAL HYGIENE:** Wash with soap & water.

**OTHER PRECAUTIONS:** Wash or shower if general contact occurs. Remove oil-soaked clothing & launder before reuse.

APPROVED BY:   
R. REED  
C.O.O.

DATE: 8/8/94



BMC 902 CASTOR  
PRODUCT

