

MATERIAL SAFETY DATA SHEET

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



A Division of Southwest Lubricants
6 Abraham Way Santee, CA 92071

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

**SECTION 1**

TRADE NAME: CASTOR 927

23901

DATE 1-1-02

SUPERCEDES

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

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 PPM	mg/m3	% BY WEIGHT VOLUME
NON-HAZARDOUS				
CASTOR OIL	8001794	NONE		<70
ESTER	27178161			>30

SECTION III-FIRE AND EXPLOSION HAZARD DATA

HAZARDOUS THERMAL DECOMPOSITION Carbon Monoxide & Asphyxiants	FLAMMABLE LIMITS: 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 EFFECTS		FIRST AID PROCEDURES	NFPA
	ING	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.	
	ECYEN	Not normally expected to cause any ill effects.	Flush with copious amounts of water.	
	ASCKOINTNE	Not normally expected to cause any ill effects.	Wash with soap & water. Consult physician if irritation occurs.	
	CSCCHKRONIC	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 & laundry before reuse.

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

DATE: 1-1-02

A Division of Southwest Lubricants

CASTOR 927 23916/23901/23964/23505/23055
PRODUCT

HEALTH
FIRE
REACTIVITY
PERSONAL PROTECTION (PPE)

