

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.	
	ASC UIN TNE	Not normally expected to cause any ill effects.	Wash with soap & water. Consult physician if irritation occurs.	
	CSC HKO RIN ON I C	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*
R. REED
C.O.O.

DATE: 1-1-02

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