

## MATERIAL SAFETY DATA SHEET

Comment: Don needs to proof.  
Typed by Missy.

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME **ACTAVOR L-1**

PRODUCT CODE SEA10660

ISSUE DATE 03-29-01

SUPERCEDES 11-11-99

MANUFACTURER Seatex Ltd.  
STREET ADDRESS 6325 Hurst Street  
CITY, STATE ZIP Houston, Texas 77008  
PHONE (713) 868-1481

**EMERGENCY TELEPHONE NUMBER**  
1-800-535-5053

### SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	EXPOSURE LIMITS			OTHER LIMITS
		OSHA PEL/TLV	ACGIH TLV	STEL	
None under 29 CFR 1910.1200	None	N/A	N/A	N/A	N/A

### SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW May produce eye irritation and infection. May produce gastric distress upon ingestion.

POTENTIAL HEALTH EFFECTS	
INGESTION .....	Gastric distress.
INHALATION .....	Inhalation of aerosols may produce only light irritation, but if repeated exposure occurs sensitization may develop.
EYE CONTACT .....	Irritation.
SKIN CONTACT .....	May produce some irritation on prolonged exposure.

### SECTION 4 - FIRST AID MEASURES

INGESTION	Drink large quantity of water, milk, or yogurt. If gastric distress develops, get medical aid.
INHALATION	Not likely to occur under conditions of use.
EYE CONTACT	Flush eye with water for 15 minutes. If irritation develops, see a physician.
SKIN CONTACT	Flush with water for 5 minutes.
NOTE TO PHYSICIAN	Treatment based on judgment of the physician in response to reactions of the patient.

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### SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT / METHOD	N/A	FLAMMABLE LIMITS	N/A
% VOLATILE	N/A		
EXTINGUISHING MEDIA	Water mist, dry chemical, CO <sub>2</sub> , alcohol foam.		
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear a self-contained breathing apparatus as in all chemical fires.		
FIRE AND EXPLOSION HAZARDS	None		

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Stop leak. Dilute spilled material with water.
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### SECTION 7 - HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in a dry cool place.

### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTIONS

HYGIENIC PRACTICES	Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.
ENGINEERING CONTROLS	Use general mechanical ventilation to remove vapors at the source. Eyewash station is recommended.

	RESPIRATOR	Not necessary
	GOGGLES / FACE SHIELD	Not necessary
	APRON	Not necessary
X	GLOVES	Required; chemical resistant type
	BOOTS	Not necessary

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Brown, turbid liquid	BOILING POINT	212° F
ODOR	Distinctive	VAPOR PRESSURE	Not applicable
pH	9.2	VAPOR DENSITY	Not applicable
SPECIFIC GRAVITY	1.1	EVAPORATION RATE (butyl acetate=1)	1
SOLUBILITY IN WATER	Not determined		

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**SECTION 10 - STABILITY AND REACTIVITY**

<b>CHEMICAL STABILITY</b>		<b>STABLE</b>	<input checked="" type="checkbox"/>		<b>UNSTABLE</b>	
<b>CONDITIONS TO AVOID</b>	No special precautions beyond standard safe industrial practices.					
<b>INCOMPATIBILITY</b>	Strong acids and bases.					
<b>HAZARDOUS PRODUCTS OF DECOMPOSITION</b>	May produce oxides of carbon and nitrogen.					
<b>POLYMERIZATION</b>		<b>WILL NOT OCCUR</b>	<input checked="" type="checkbox"/>		<b>MAY OCCUR</b>	
<b>CONDITIONS TO AVOID</b>	None					

**SECTION 11 - TOXICOLOGICAL INFORMATION****CARCINOGENICITY**

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
<input checked="" type="checkbox"/>	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910.Z

**OTHER EFFECTS**

<b>ACUTE</b>	May produce eye irritation. May produce gastric distress upon ingestion.
<b>CHRONIC</b>	None known.
<b>ORAL LD/50</b>	Unknown

**SECTION 12 - DISPOSAL CONSIDERATIONS**

<b>WASTE DISPOSAL</b>	Flush diluted material to sewer.
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**SECTION 13 - TRANSPORT INFORMATION**

<b>DOT CLASSIFICATION</b>		<b>HAZARDOUS</b>			<b>NOT HAZARDOUS</b>	<input checked="" type="checkbox"/>
<b>DESCRIPTION</b>	N/A					
<b>SEATEX HM CODE</b>	000					

**SECTION 14 - OTHER INFORMATION****HMIS CLASSIFICATION**

1	<b>BLUE</b>	<b>HEALTH HAZARD</b>
0	<b>RED</b>	<b>FLAMMABILITY</b>
0	<b>YELLOW</b>	<b>REACTIVITY</b>
None	<b>WHITE</b>	<b>SPECIAL HAZARD</b>

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Seatex Ltd. in connection with the use of this information.

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