

## MATERIAL SAFETY DATA SHEET

Contech Enterprises Inc.  
115-19 Dallas Road  
Victoria , BC  
CANADA V8V 5A6

EMERGENCY NUMBERS  
Canutec: (613) 996-6666  
Contech: (604) 940-9944

### SECTION 1 - MATERIAL IDENTIFICATION

PRODUCT NAME:	Lineatin	FORMULA:	C10 H16 O2
SYNONYMS:	3,3,7-Trimethyl-2,9-dioxatricyclo[3.3.1.0]nonane	FORMULA WT:	168.24
CAS #:	71899-16-0		
UN #:	N/A		
RTECS #:	N/A		

### SECTION 2 - COMPONENTS

Ingredients	% W/W	CAS or UN#	TLV	HAZARD	LD <sub>50</sub> /LC <sub>50</sub>
Lineatin	98-100	71899-16-0	N/A	Combustible	N/A

### SECTION 3 - PHYSICAL DATA FOR MATERIAL

APPEARANCE:	Clear liquid	SOLUBILITY IN WATER:	Insoluble
ODOR DESCRIPTION:	Characteristic	BOILING POINT:	61°C @ 2.5 mm Hg
VAPOR PRESSURE (20° C, mm Hg):	N/A	% VOLATILES:	100
VAPOR DENSITY (AIR = 1):	N/A	FREEZING POINT:	N/A
SPECIFIC GRAVITY @ 25°C (WATER = 1):	1.04		

### SECTION 4 - FIRE & EXPLOSION HAZARD OF MATERIAL

FLASH POINT (CC):	N/A	FLAMMABLE LIMITS	
EXTINGUISHING MEDIA:	CO <sub>2</sub> , dry chemical powder, alcohol or polymer foam. If water must be used, it should be as a spray only.		
UNUSUAL FIRE & EXPLOSION HAZARD:	None known.		
HAZARDOUS COMBUSTION PRODUCTS:	CO, CO <sub>2</sub> .		
LOWER EXPLOSION LIMIT:	N/A	UPPER EXPLOSION LIMIT:	N/A
AUTO-IGNITION TEMP:	N/A		
SENSITIVE TO MECHANICAL IMPACT:	N/A		
SENSITIVE TO STATIC DISCHARGE:	N/A		

## **SECTION 5 - REACTIVITY DATA**

STABILITY:	Stable
CONDITIONS TO AVOID:	Sources of ignition
MATERIALS TO AVOID:	Strong oxidizing agents
HAZARDOUS POLYMERIZATION:	No

## **SECTION 6 - PREVENTIVE MEASURES**

RESPIRATORY PROTECTION:	Not usually required.
VENTILATION:	Not usually required.
PROTECTIVE GLOVES:	Not usually required.
EYE PROTECTION:	Not usually required.
OTHER PROTECTIVE EQUIPMENT:	Not usually required.
SPILL OR LEAK PROCEDURES:	Contain spilled material. Remove sources of ignition. Cover with absorbent, place in closed container.
WASTE DISPOSAL METHOD:	Incineration or sanitary landfill in accordance with local, provincial/state and federal regulations.
HANDLING PROCEDURES:	DO NOT BREATH VAPOURS, get in eyes or on skin. Wash thoroughly after handling.
STORAGE REQUIREMENTS:	Store in tightly closed container in a cool, dry place. Keep from heat, sparks or flame.

## **SECTION 7 - HEALTH HAZARD & FIRST AID MEASURES**

Carcinogen	Mutagen	Teratogen
Reproductive Toxin	Synergist	Not Fully Investigated <input checked="" type="checkbox"/>
SKIN:	Flush contaminated area with water for at least 20 minutes. If irritation occurs, seek medical attention.	
EYE:	Immediately flush eyes with water for at least 20 minutes, holding the eyelids open. Seek medical attention immediately.	
INHALATION:	Remove to fresh air. Oxygen may be given if necessary. Seek medical attention immediately.	
INGESTION:	If conscious, have victim drink water or milk to dilute material in stomach. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Seek medical attention immediately.	
PRIMARY ROUTE OF ENTRY:	Ingestion , inhalation or skin absorption.	
EFFECT OF ACUTE EXPOSURE:	N/A	
EFFECT OF CHRONIC EXPOSURE:	N/A	
PREPARATION DATE:	Feb 16, 2011	

### **ADDITIONAL INFORMATION:**

SOURCES USED:	RTECS
---------------	-------

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT, BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE.  
CONTECH ENTERPRISES INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM THE HANDLING OF, OR CONTACT WITH THE PRODUCT.