

**ETOWAH CHEMICAL**  
**SALES & SERVICE**  
P.O. BOX 4416  
GADSDEN, AL 35904-0416  
(800) 848-8541



**N. F. P. A.**  
4 = Extreme  
3 = High  
2 = Moderate  
1 = Slight  
0 = Insignificant

<b>HEALTH</b>	<b>1</b>
<b>FIRE</b>	<b>2</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>

## Material Safety Data Sheet

24 Hour Emergency Telephone Number: (800) 535-5053

### SECTION I - IDENTIFICATION

<b>Product Name</b>	<b>SC-170 COSMOLINE REMOVER</b>	<b>Date last Revised</b>	<b>AUG 2009</b>
<b>Chemical Family</b>	SOLVENT BASED CLEANER	<b>Item Number</b>	<b>ETC-1214</b>
<b>Proper D.O.T. Shipping Name</b>	FLAMMABLE, N.O.S.(contains Terpene Hydrocarbons)		
<b>D.O.T. Hazard Classification</b>	3, NA 1993, PACKING GROUP III, FLAM MABLE		

### SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

% By Weight	Material	PEL	T. L. V.	C. A. S. No.
< 100	d-LIMONENE	NE	NE	5989-27-5
Balance non-hazardous ingredients				

### SECTION III - PHYSICAL DATA

<b>Boiling Point</b>	IBP 345 DEG. F	<b>pH (Conc.)</b>	N/A
<b>Solubility In Water</b>	SLIGHTLY SOLUBLE	<b>pH (Use Dilution)</b>	N/A
<b>% Volatility By Weight</b>	90-95	<b>Evaporation Rate</b>	ETHER= 1 >1
<b>Specific Gravity</b>	0.835	<b>Physical Form</b>	LIQUID
<b>Appearance And Odor</b>	CLEAR : CITRUS ODOR		

### SECTION IV - FIRE AND EXPLOSION DATA INGREDIENTS/IDENTITY

<b>Flash Point</b>	117.0-122.0 DEG. F
<b>Extinguishing Media</b>	ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.
<b>Flammable Limits</b>	LOWER-0.7% UPPER-6.1%
<b>Special Fire Fighting Procedures</b>	WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE MODE WHEN FIGHTING FIRES.
<b>Unusual Fire and Explosion Hazards</b>	VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND AND BE IGNITED BY FLAMES AND IGNITION SOURCES DISTANT FROM MATERIAL HANDLING POINT.

### SECTION V - REACTIVITY DATA

<b>Stability</b>	STABLE
<b>Conditions to Avoid</b>	HEAT AND OPEN FLAMES
<b>Incompatibility</b>	OXIDIZING AGENTS
<b>Hazardous Decomposition Products</b>	CARBON MONOXIDES AND CARBON DIOXIDE
<b>Hazardous Polymerization</b>	WILL NOT OCCUR

<b>SECTION VI - HEALTH HAZARD</b>	
<b>Routes(s) of Entry</b>	<b>Inhalation? NO   Skin? YES   Ingestion? NO</b>
<b>Health Hazards (Acute and Chronic)</b>	EYES : CAN CAUSE MODERATE TO SEVERE IRRITATION. SKIN: PROLONGED CONTACT CAN CAUSE MODERATE IRRITATION. INHALATION: EXCESSIVE BREATHING OF VAPORS MAY CAUSE HEADACHE AND RESPIRATORY IRRITATION. INGESTION:MAY CAUSE DIARRHEA, NAUSEA, VOMITING.
<b>Carcinogenicity</b>	<b>NTP? NO   IARC Monographs? NO   OSHA Regulated? NO</b>
<b>Emergency Aid and First Aid Procedures</b>	EYES:FLUSH WITH WATER FOR 15 MINUTES OCCASIONALLY LIFTING THE LOWER AND UPPER LIDS. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. INHALATION: MOVE EXPOSED PERSON TO FRESH AIR. INGESTION: CALL A PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING AT THE INSTRUCTION OF A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONCIOUS PERSON.
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>	
<b>Spill Response</b>	SMALL SPILL: ABSORB ON VERMICULITE OR OIL DRY. LARGE SPILL: ELIMINATE ALL IGNITION SOURCES. PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM THE AREA OR SPILL.
<b>Waste Disposal Method</b>	UTILIZE LICENSED WASTE DISPOSAL COMPANY. CONSIDER RECYCLING OR INCINERATION. UTILIZE PERMITTED HAZARDOUS WASTE DISPOSAL SITE OR INDUSTRIAL WASTE DISPOSAL SITE AS APPROPRIATE
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>	
<b>Eye Protection</b>	SAFETY GLASSES
<b>Skin Protection</b>	GLOVES: NITRILE OR NEOPRENE.
<b>Ventilation</b>	MAINTAIN LOCAL VENTILATION TO KEEP TLV'S OF COMPONENTS BELOW THE THRESHOLDS.
<b>Respiratory Protection</b>	REQUIRED ONLY IN AREAS OF HIGH VAPOR CONCENTRATIONS OR IN AREAS WITH LITTLE VENTILATION.
<b>Other Protection</b>	NEOPRENE APRONS IF USED IN LARGE QUANTITIES.
<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
<b>Precautions in Handling and Storage</b>	CONTAINERS OF THIS PRODUCT MAY BE HAZARDOUS WHEN EMPTIED BECAUSE OF RESIDUES (VAPORS).
<b>Other Precautions</b>	STORE AT ROOM TEMPERATURE. KEEP CONTAINERS CLOSED WHEN NOT IN USE.
<b>PREPARED BY: David Brunton, Chemist</b>	
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