

# MATERIAL SAFETY DATA SHEET

This form is regarded to be in compliance with 29 CFR Part 1910.1200

## Section I: Identification

### PRODUCT NAME: Nail Polish Lacquer

Manufacturer's Name: CALI CHEM, Inc.,  
Address : 14271 Corporate Dr. #B  
City, State, Zip code: Garden Grove, CA 92843  
Business Telephone : (714) 265-3740  
Emergency Telephone #: (800 ) 535 – 5053 (InfoTrac) Revised Date: 07/01/2009

## Section II-Hazardous Ingredients

Hazardous components (Specific Chemical Identity; Common Name)

	CAS REG. NO.	OSHA PEL	ACGIH TWA	TLV STEL	%
Ethyl Acetate	141-78-6	400ppm	400ppm	200ppm	25-40
N-Butyl Acetate	123-86-4	150ppm	150ppm	200ppm	15-35
Isopropyl Alcohol	67-63-0	400ppm	400ppm	500ppm	01-15
Nitrocellulose	9004-70-0	400ppm	N/A	N/A	05-15

Reactivity 1 Flammability 3 Health 1

## Section III-Physical/Chemical Characteristics

Boiling point 171 degrees F Specific Gravity (H2O=1) 1.0  
Vapor Density (AIR=1) 3.0 – 3.6 @ 20C Evaporation Rate Slower than ether  
Solubility in Water 10%  
Appearance and Odor Colored liquid with ester odor.

## Section IV-Fire and Explosion Hazard Data

Flash Point: 45 F Method Used: TCC Flammable Limits In AIR By VOL%: Lower: 1.0 Upper: 9.0

Extinguishing Media-Chemical Foam, CO2, Alcohol Foam, Dry Chemical, cold water spray

Special Fire Fighting Procedures: Use water spray to cool container. Use self-contained breathing apparatus.

Unusual fire and explosion hazards-When exposed to heat and flame material is fire explosion hazard. It may produce toxic products, CO, CO2, & Oxides of Nitrogen.

## Section V-Reactivity Data

Stability-Stable

Conditions to Avoid - Heat and source of ignition, aging, and contamination.

Incompatibility (material to avoid) - oxidizing agents, acids and bases (heat)

Hazardous decomposition of By Products - Heated materials produces NO2, CO2, and CO

Hazardous Polymerization May Occur -Will not occur

## Section VI-Health Hazard Data

Route of Entry:            Inhalation-Yes Skin-Yes            Eyes-Yes            Ingestion-Yes

### INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

VAPORS MAY BE IRRITATING AND CAUSE DIZZINESS, HEADACHE, NAUSEA, VOMITING AND NARCOSIS

### SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

BRIEF CONTACT WITH SKIN SHOULD NO PRODUCE ANY HARMFUL EFFECTS, BUT PROLONGED CONTACT, AS FROM CLOTHING WET WITH CHEMICALS, MAY CAUSE IRRITATION. EYE CONTACT CAUSES SEVERE IRRITATION.

### INGESTION HEATH RISKS AND SYMPTOMS OF EXPOSURE

MAY CAUSE TOXICOLOGICAL AND NEUROLOGICAL EFFECTS.

### HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE INGESTION CAN CAUSE HEADACHE, DROWSINESS AND UNCONSCIOUSNESS, ACUTE INHALATION OF VAPORS ARE IRRITATING TO NASAL PASSAGES AND THROAT. ACUTE REPEATED OR PROLONGED SKIN CONTACT CAN CAUSE DRYING OF THE SKIN, AND ACUTE VAPOR OR LIQUID MA BE HARMFUL TO THE EYES.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

EMPHYSEMA, ASTHMA, DERMATITIS.

### EMERGENCY AND FIRST AID PROCEDURES

IF SWALLOWED CALL A PHYSICIAN/SKIN - FLUSH WITH WATER. IF INHALED REMOVE TO FRESH AIR AND CALL A PHYSICIAN, GIVE ARTIFICIAL RESPIRATION IF BREATHING IS DIFFICULT. EYES - FLUSH WITH PLENTY OF WATER AT LEAST 15 MINUTES. TREATMENT SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITIONS, THERE IS NO SPECIFIC ANTIDOTE.

## Section VII-Transportation Information – DOT Classified

### Shipping Information:

Proper Shipping Name:        Paint  
Hazard Class:                3  
ID No. (UN/NA):               UN 1263  
Packing Group:                II

## Section VIII-Precautions for Safe Handling and Use

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WEAR SUITABLE PROTECTIVE EQUIPMENT. SPILLS SHOULD BE COLLECTED FOR DISPOSAL BY APPROPRIATE METHODS. FOR LARGE SPILLS IN EXCESS OF R.Q. REPORTABLE QUANTITIES CONTACT NATIONAL RESPONSE CENTER AT  
800-424-8802

### WASTE DISPOSAL METHOD

DISPOSE OF WASTE BY APPROPRIATE METHODS OR INCINERATE IN A FURNACE WHERE PERMITTED UNDER APPROPRIATE FEDERAL, STATE AND LOCAL REGULATIONS.

**PRECAUTION TO BE TAKEN IN HANDLING AND STORING**

STORE LARGE QUANTITIES ONLY IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. STORE IN COOL AREA.

**OTHER PRECAUTIONS**

KEEP CLOSURE TIGHT AND CONTAINER UPRIGHT TO PREVENT LEAKAGE. DO NOT STORE OR USE HEAT, SPARKS OR OPEN FLAME. STORE DRUM OUT OF SUN AND AWAY FROM HEAT. STORE AND USE ONLY IN WELL-VENTILATED AREAS. DRUMS OF THIS MATERIAL SHOULD BE GROUNDED WHEN POURING. NEVER USE PRESSURE TO EMPTY. DRUM IS NOT A PRESSURE VESSEL. DO NOT PUNCTURE CONTAINER OR LEAVE OPENED OR UNCOVERED. DRUMS SHOULD NOT BE WASHED OUT OR USED FOR THEIR PURPOSES. DO NOT GET IN EYES, AVOID SKIN CONTACT. HARMFUL IF INHALED. PREVENT PROLONGED OR REPEATED BREATHING OF VAPOR OR MIST. READ INSTRUCTIONS BEFORE USING.

**Section IX-Control Measures****RESPIRATORY PROTECTION**

IN OPEN AREAS: USE APPROVED MECHANICAL FILTER RESPIRATORS TO REMOVE SOLID AIR-BORNE PARTICLES. IN RESTRICTED VENTILATION AREA: USE OSHA APPROVED CHEMICAL/MECHANICAL FILTER RESPIRATORS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPOR, IF LOCAL EXHAUST IS NOT SUFFICIENT TO KEEP LEL BELOW STATED IN SECTION III.

**VENTILATION**

ALL APPLICATION AREAS SHOULD BE VENTILATED IN ACCORDANCE WITH OSHA REGULATION 29CFR.1910 TO KEEP AIR CONTAMINANT CONCENTRATION LEVELS BELOW APPLICATION OSHA PERMISSIBLE EXPOSURE LIMIT OR ACGIH'S TLV LIMIT.

**PROTECTIVE GLOVES**

REQUIRED FOR PROLONGED OR REPEATED CONTACT.

**EYE PROTECTION**

USE SAFETY EYE WEAR WITH SPLASH GUARDS OR SIDE SHIELDS.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

EYE BATH, SAFETY SHOWER, APRONS

**WORK/HYGIENIC PRACTICES**

WEAR PROTECTIVE CLOTHING WHEN NECESSARY. WASH THOROUGHLY BEFORE FOOD PRODUCTS.