



CHRISTRIO
Manufacturer of Beauty Products
1950 Compton Ave. Ste. 103
Corona, CA. 92881

Phone: (951) 808 – 4730 Fax: (951) 808 – 4734

MATERIAL SAFETY DATA SHEET

Section I: Product and Company Identification

Product name: Acetone

Manufacturer: CHRISTRIO CORP.
 1950 Compton Ave. #103
 Corona, CA. 92881 USA

Family Name: N/A

Emergency Phone #: 800 535- 5053
International Phone #: 1-352-323-3500
Information Contact: (951) 808 – 4730

Product Use: Gelacquer Removal

Section II: Product composition/Ingredients

Chemical Identity	CAS#	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/ OSHA	%
2-Propanone	67-64-1	1000rpp	1000rpp	Not Listed	100

Hazard symbols: F **Risk Phrases:** R11, R36, R66, R67 **Safety Phrases:** S9, S16, S26

N/E – None Established
 N/R – Not Reviewed
 ND/A – No Data Available
 N/A – Not Available

Section III: Hazard Identification

Potential Health Effects, Sign and Symptoms of Exposure:

Harmful if inhaled, ingested or absorbed through the skin. Prolonged contact may cause sensitization. Vapor and mist are irritating to mucous and eyes. May cause headache and nausea. May produce CNS depression if swallowed.

Section IV: First Aid Measure

First Aid for Eye	Causes irritation experienced as stinging and discomfort or pain. Corneal damage may occur.
First Aid for Skin	Remove contaminated clothing. Wash skin with soap and water.
First Aid for Inhalation	Move to fresh air. Get medical attention if discomfort persists.
First Aid for Ingestion	Do not give liquids if victim is unconscious. Otherwise give no more than two glasses of water. Seek medical attention.

Section V: Fire fighting Measures

Flash Point (°F/°C)	Flammable Limit (Vol %)	Auto-ignition Temperature (Vol %)
-4°F/-20°C	ND/A	869°F (465°C)

Method:

Extinguishing Media:	Chemical foam, carbon dioxide and dry chemical.
Fire Fighting Instructions:	Extremely Flammable. Clear fire area of unprotected personnel and isolate. Do not enter confined fire space without full bunker gear (helmet and face shield). Also use self-contained breathing apparatus.
Unusual Hazards:	Container rupture may occur if exposed to intense heat. Any areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

Section VI: Accident Release Measures

Spill or Release Procedure:	Evacuate area. Eliminate all sources of heat and ignition. Dike and absorb with inert material then transfer to proper containers for disposal. Use non-sparking tools. Keep spill out of sewers and/or open bodies of water.
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Section VII: Handling and Storage

Handling:	Keep containers in cool and dry place. Keep away from heat, light and ignition sources.
Storage:	Store in well ventilated area. Store @ 70 + 15°F, allow some air space above liquid level. Keep containers closed while not in use.
Explosion Hazard:	Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Section VIII: Exposure Controls/Personal Protective Equipment

Engineering Control	Use process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.
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Personal Protective Equipment	
Eye/Face Protection	Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses.
Skin Protection	Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
Respirator Protection	Use organic vapor mask and local exhaust vents.

Section XI: Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
clear liquid	sweet	N/A	(H2O=1):.079	N/A	N/A

Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure	Vapor Density	Evaporation Rate (Butyl Acetate)	Ignition	Solubility in Water (20°C)
133°F	N/A	N/A	185.5	(Air=1): 2.0	5.6	N/A	100%

Section X: Stability and Reactivity

<p>Stability: Stable under ordinary conditions.</p> <p>Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form when heated to decomposition.</p> <p>Condition to Avoid: Heat, flame, ignition sources and incompatibles.</p>	<p>Incompatibility (Materials to Avoid): Concentrated nitric and sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, potassium t-butoxide.</p> <p>Hazardous Polymerization: Will not occur.</p>
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Section XI: Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation-Skin	Irritation-Eye
Rat:LD50=5800 mg/kg	N/A	Rat:LC50=50, 100mg /m3	N/A	Rabbit: Draize, 20 mg severe

Sensitization	Mutagenicity	Sub-chronic Toxicity
ND/A	Hamster: fibroblast, 40g/L, Sex chromosome loss/non-disjunction: S.cerevisiae,47600 ppm	ND/A

Section XII: Ecological Information

Acute Toxicity Fish	Acute Toxicity to Invertebrate	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
Fish toxicity LC50 (L. macrochirus) 8300 mg/l/96h	ND/A	ND/A	ND/A	ND/A

Chemical Fate Information

Biodegradability	May evaporate at a moderate extent in both soil and water. Half life of 1 day in water.
Chemical Oxygen Demand	ND/A

Section XIII: Disposable Concentrations

Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations.

Section XIV: Transport Information

DOT/UN	UN1090
Shipping Name:	Acetone
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	None
Emergency Response Guidebook (ERG) #:	N/A
IATA (DGR)	
Proper Shipping Name:	Non-regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	None
Emergency Response Guidance (ICAO) #:	
IMO (IMDG):	
Proper Shipping Name:	Non-Regulated Material
Class of Division:	N/A
UN or ID Number:	N/A
Special Provision & Storage/Segregation:	None
Emergency Schedule (EmS)#:	N/A
Other Information: Flash point >	-4°F/-20C°

Section XV: Regulatory Information


US Federal Regulations:

Clean Air act: HAP/ODS	This product contains the following Hazardous Air Pollutant (HAP's): • None
Clean Water Act: Priority Pollutant List	The following ingredients are listed as hazardous pollutants under the CWA: None
FDA: Food Packaging Status	This product has not been clear by the FDA for use in food packaging and/or other applications and indirect food packaging additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are: • Fire hazard
RCRA	This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261). Propanone-2 CAS#67-64-1.
SARA Title III: Section 302 (TPQ)	This product contains the following chemicals regulated under SARA 302: None
SARA Title III: Section 302(RQ)	
SARA Title III: Section 311-312	This product is considered to be hazardous under OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Is hazard are: • Fire hazard
SARA Title III: Section 313	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372: Propanone-2 CAS#67-64-1
TSCA Section 8 (b): Inventory	This product contains chemical listed on the TSCA inventory or otherwise complies with TSCA pre-manufacture notification requirements.

State Regulations:

CA Right-to-Know law: CA No Significant Risk Rule:	Propanone-2 CAS#67-64-1
MA Right-to-Know Law:	Propanone-2 CAS#67-64-1
NJ Right-to-Know Law:	Propanone-2 CAS#67-64-1
PA Right-to-Know Law:	Propanone-2 CAS#67-64-1
FL Right-to-Know Law:	Propanone-2 CAS#67-64-1
MN Right-to-Know Law:	Propanone-2 CAS#67-64-1

International Regulations:

CDSL: Canadian Inventory (on Canadian Transitional List)	Propanone-2 CAS#67-64-1
EINECS: European Inventory: 	Propanone-2 (67-64-1) <ul style="list-style-type: none">• Hazard Symbol: F: Flammable• Risk Phrases: R11, R36, R66, R67: Highly flammable, Irritating to eyes, Repeated exposure may cause skin dryness or cracking, Vapors may cause drowsiness and dizziness.• Safety Phrases: S9, S16, S26: Keep container in a well-ventilated place, Keep away from sources of ignition, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Section XVI: Other Information

Hazard Rating System

NFPA: Health 2/ Flammability 3/ Reactivity 0

HMIS: Health 2/ Flammability 3/ Reactivity 0

Revised: October 1st, 2009

Revised Sections since Last Version	Section 2 contents and format update throughout.
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