

MATERIAL SAFETY DATA SHEET

Product Name: Perfect Match

Chemical Family: NA

Company's Name: Le Chat Nail Care Products R&D
Address: 228 Linus Pauling Drive, Hercules, CA 94547 USA
Business Telephone: (510)741-9998

Emergency Telephone: (800)535-5053

Section 2: Hazardous Ingredients

Chemical Identity	Cas No.	EINECS #	INCI Name	Wt.	Exposure Limits		
					OSHA	ACGIH	NOHSC
					PEL/STEL	TLV/STEL	TWA/STEL
					PPM	PPM	PPM
Acylate Oligomer Formula	Proprietary NA	NA	NA	>50%	NA	NA	NA
Buty Acetate	123-86-4	204-658-1	NE	<30%	150/200	150/200	150/200
Ethyl Acetate	141-78-6	205-500-4	NE	<20%	400	400	400

N/A - None Established N/R - Not Reviewed N/DA - No Data Available N/A - Not Applicable

Section 3: Harzards Identification

Potential Health Effects, Signs and Symptons of Exposure:

Primary Route of Entry: Eyes, Skin, Ingestion, Inhalation

Eye: May cause eye irritation. Direct contact or overexposure may cause redness, itching, irritation, tearing.

Skin: May cause moderate skin irritation, redness, itching to some sensitive individuals after prolonged and repeated exposure.

Ingestion: Ingestion of excessive quantities may cause irritation of the digestive tract. May cause nausea, vomitting, diarrhea. Include signs of nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue).

Inhalation: Breathing high concentrations of vapors or mist may cause irritation of the nose and throat and other respiratory system. Include signs of nervous system depression (e.g., drowsiness, dizziness, headache, loss of coordination, fatigue, nausea). Symptoms of overexposure include coughing, nasal congestion, difficult breathing, and wheezing.

Sub-Chronic Effects: Not Known

Section 4: First Aid Procedures

Eye contact: Flush eyes with a large amount of lukewarm water for at least 15 minutes, including under eyelids. Seek medical attention

Skin contact: If product is on skin, rinse thoroughly wih lukewarm water, and wash contact area with soap and water for 15 minutes. Wash contaminated clothing thoroughly before wearing again. If irritation persist, seek medical attention.

Inhalation: In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped administer artificial respiration and seek medical attention.

Ingestion: If swallow large amount, seek medical attention immediately.

Section 5: Fire Fighting Measures

Flash Point (°F/°C)	Flammabile Limit (Vol %)	Auto-ignition Temperature (Vol %)
82 °F/ 28°C TCC	N/A	N/A

Extinguishing Media : (x) CO2 (x) Dry Chemical for small fire. Use (x) Aqueous foam (x) Water for large fire

Special Fire Fighting Procedures: Remove all ignition sources. Decomposed product will produce cargon oxides. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure

Fire and Explosion Hazards: Flammable. Keep away from heart, of cigarettes, sparks, open flame. Keep container closed.

Section 6: Accidental Release Measures

Wear eye and skin and personal protective equipement when clean up spill. . For small spill, wear personal protective gear (goggles, gloves). If spill in door, ventilate spilled area (ei open all doors and window). Keep all sources of ignition away. Clean spilled material with absorbent materials and place them and leaking container into a closed container for disposal. Dispose container in accordance with local, state, and federal regulations. Wash area with water and soap, do not flush with water, prevent washing from entering drains, sewers and waterways

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Section 7: Handling & Storage

Handling: Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential. Keep materials away heat, sparks, open flame.

Storage: Store in cool, dry place away from heat and direct sunlight and other light source. Store at temperature below 100 °F

Section 8: Exposure Controls & Personal Protective Equipment

General: None required under normal use. For large scale operations where contact can occur, use a face shield, impervious body covering and boots. A safety shower and eye wash facility should be available, provide adequate ventilation (local exhaust ventilation, fans...)

Eye & Face protection: None required under normal use. Avoid eye contact, when handling large quantities, Safety glass, face shield, and splash goggles NIOSH approved to safeguard against potential eye contact.

Skin Protection: None required under normal use. When handle large quantities use Impervious gloves (Neoprene)

Respiratory Protection: No respiratory protection is required under normal use and handling. When exposed to large quantities use full face organic vapor cartridge respirator with particulate pre-filter.

Section 9: Physical & Chemical Property

Appearance		Odor & Odor Threshold		% Volatile	Viscosity	pH	Specific Gravity
Translucent to opaque viscous liquid with various colors & shades		characteristic acrylate and ester odor		NE	1000-3000 @60°C	N/A	NE
Boiling Point	Melting Point	Octanol/Water Partitioning Coefficient	Decomposition Temperature	Vapor Density (Air = 1)	Evaporation Rate (n-butyl acetate = 1)	Vapor Pressure	Solubility in Water (20 °C)
126°C (259°F)	N/A	N/A	N/A	1.04 - 1.06	0.3 - 0.5	N/A	Insoluble

Section 10: Stability & Reactivity

Stability: Stable Under ambient condition with proper storage

Hazardous Decomposition Products: Fumes produced when heated to decomposition may include: CO, CO₂

Conditions to Avoid: Storage >100°F, expose to light, Flame Electric, Spark, static charge, contamination with incompatible materials

Incompatibility (material to avoid): Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and string bases

Hazardous Polymerization: Will not Occur

Section 11: Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Sub-Chronic Toxicity
Section 3	Section 3	Section 3	Section 3
Irritation - Skin	Irritation - Eye	Sensitization	Mutagenicity
Yes	Yes	Yes	N/DA
Reproductive	Embryo	Teratogenicity	Biological
N/DA	N/DA	N/DA	N/DA

This product has not been tested on Animal. Toxicological data are collected from existing scientific literature.

Section 12: Ecological Information

Ecotoxicological Information

Acute Toxicity To Fish	Acute Toxicity To Algae	Acute Toxicity To Invertebrates	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability	Chemical Oxygen Demand
N/DA	N/DA

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Section 13: Disposable Considerations

Waste disposal must be in accordance to Local, State, and Federal Regulations.

Section 14: Transportation Information

CFR 49 Ground

Qty ≤ 1 liter - Consumer Commodity, ORM-D

Qty > 1 liter - UN1263, Paint, 3, II

IATA

Qty ≤ 0.50 liter - Consumer Commodity, 9, ID 8000- PI-910

Qty ≤ 1 liter - UN1263, Paint, 3, II, LTD QTY- PI-Y305

Qty ≤ 5 liter - UN1263, Paint, 3, II- PI-305

Qty ≤ 60 liter - UN1263, Paint, 3, II- PI-307

IMDG

Qty ≤ 5 liter - UN1263, Paint, 3, II, LTD QTY

Qty > 5 liter - UN1263, Paint, 3, II

Section 15: Regulatory Information

U.S. Federal Regulation:

Clean Air Act: HAP/ODS	No ODS's.
Clean Water Act: HS/Priority Pollutant	This product does not contains any chemical listed under the U.S. Clean Water Act Priority Pollutant List
FDA:	This product complies with FDA's CFR subchapter G (cosmetics)
RCRA	This product contains no chemicals considered to be hazardous waste under RCRA (40 CFR 261)
SARA Title III: Section 302, 304	Butyl Acetate, Ethyl Acetate
SARA Title III: Section 313:	None
TSCA Sectin 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirement.

State Regulation:

CA Right-to-know	Butyl Acetate, Ethyl Acetate
MA Right-to-Know law	Butyl Acetate, Ethyl Acetate
NJ Right-to-Know law	Butyl Acetate, Ethyl Acetate
PA Right-to-Know law	Butyl Acetate, Ethyl Acetate
FLRight-to-Know law	Butyl Acetate, Ethyl Acetate
MN Right-to-Know law	Butyl Acetate, Ethyl Acetate

International Regulation:

Butyl Acetate, Ethyl Acetate

Section 16: Other Information

Hazardous Rating System Health (1) Flammability (3) Reactivity (0)

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