

SAFETY DATA SHEET

In Accordance with GHS Rev05(2013): U.S. OSHA Standards

REVISION DATE: June 1, 2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CND NailFresh

Bulk #: CND-N-015

Product Form: Mixture

Recommendations on use: Professional Use Only.

Restrictions on use: This industrial Safety Data Sheet is not intended for consumers and does not address consumer use of the product. Please read the labeling on the consumer package for proper use of this material. For external use only. Use only as directed.

Address:

Revlon Research Center
2121 Route 27
Edison, NJ 08818
Telephone #: (732) 287-1400

CND, Inc
9560 Towne Centre Drive Suite 200
San Diego, California 92121
Telephone #: 1-800-833-NAIL

Emergency Telephone:

Medical Emergencies: 303-739-1110
CHEMTREC: 1-800-424-9300 or 703-527-3887 (spill related emergencies)

2. HAZARDS IDENTIFICATION

GHS Classification:

Flammable Liquids (Category 2)
Acute Toxicity –Oral (Category 3)
Eye Irritation (Category 2)
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects



Pictogram:

Signal Word:

Danger

Hazard Statement(s):

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

Precautionary Statement(s):

P210 Keep away from heat, sparks, open flames and/or hot surfaces. – No smoking.
P233 Keep container tightly closed.
P235 Keep cool.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P261 Avoid breathing mist/vapours/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product
P271 Use only outdoors or in a well-ventilated area.
P280 Wear eye/face protection.
P331 Do not induce vomiting.
P370 + P378 In case of fire: Use appropriate media water spray, alcohol-resistant foam, dry chemical, or Carbon dioxide for extinction.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P303 + P361 + P353 IF ON SKIN(or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Potential Health Effects:

Eye Contact: Moderately irritating to eyes. Symptoms of overexposure may include redness, itching, irritation, and watering.
Skin Contact: May be irritating to skin, especially after prolonged contact. The product can cause allergic skin reactions (e.g. rashes, welts, dermatitis) upon prolonged or repeated exposure.
Inhalation: Fumes/vapors may be irritating to the nose and throat. Avoid inhalation of fumes and/or vapors. Use in a well-ventilated area. Breathing high concentrations of fumes or vapors may cause nausea, headache, vomiting, and dizziness.
Ingestion: Poisonous if swallowed! If product is swallowed may cause nausea, vomiting and/or diarrhea and central nervous system depression.

Unknown Toxicity

0% of mixture consists of ingredient(s) of unknown toxicity

Hazard Classification:

OSHA (USA): Flammable liquid, Irritant, Target Organ Effect
HMIS Rating: Health: 2. Flammability: 3. Reactivity: 0.
NFPA Rating: Health: 2. Flammability: 3. Reactivity: 0.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #:	%:*
Acetone	67-64-1	65 – 75
Diethyl Ether	60-29-7	25 – 35

*Note: Any value shown as a range is due to batch-to-batch variation

4. FIRST AID MEASURES

Eye Contact: Flush eyes immediately with large amounts of lukewarm water for 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. Seek medical attention if redness, swelling, itching, burning or visual disturbances occur.

Skin Contact: If irritation develops and product is on the skin rinse thoroughly with lukewarm water, followed by a thorough washing of affected area with soap and water. Do not wear contaminated clothing until after it has been properly cleaned. Seek medical attention if redness, swelling, itching, or burning occurs.

Inhalation: Remove to fresh air at once. Under extreme conditions, if breathing stops, administer artificial respiration and seek medical attention.

Ingestion: Do not induce vomiting! If conscious, give several glasses of water or milk IMMEDIATELY. If victim is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Contact ChemTrec at +1(703)527-3887 or the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.

Notes to Physician: Treat symptomatically.

Most important symptoms/effects, Both acute and delayed: Target Organ Effect, Irritation

5. FIRE AND IGNITION INFORMATION

Burn Rate:	Not determined.
Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Fire Fighting Procedures:	First responders should wear eye protection. Structural fire fighters must wear full protective equipment and MSHA/NIOSH-approved self-contained breathing apparatus. Use a water spray or fog to reduce or direct vapors. Water may not be effective in actually extinguishing a fire involving this product. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas. If necessary, rinse contaminated equipment with soapy water before returning to service.
Unusual Fire/Explosion Hazard:	This product is a Flammable Category 2 liquid. When involved in a fire, this product will ignite readily decompose to produce carbon oxides. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container.
Specific Hazards Arising from the Chemical:	Not Applicable.

HAZCHEM CODE: 2(Y)E

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Avoid inhalation of dust and vapors. Remove all sources of ignition. Ensure adequate ventilation. Use personal protective equipment. See also Section 8.
Methods for Cleaning Up:	<p>For small spills (e.g. < 1 gallon (3.785 liters)) wear appropriate personal protective equipment (e.g. goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state, and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse.</p> <p>For spills \geq 1 gallon (3.785 liters), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g. sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.</p>
Environmental Precautions:	No special environmental precautions required. Local authorities should be advised if significant spillages cannot be contained.

7. HANDLING AND STORAGE

Work & Hygiene Practices:	Use appropriate personal protective equipment, including eye protection and gloves, when handling bulk amounts of this product. Wash all exposed skin thoroughly with warm water and soap using this product. Do not eat, drink, or smoke while handling this product.
Handling:	Keep container closed. Avoid contact with skin and eyes. Do not breathe dust or aerosol. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Do not create a dust cloud by using a brush or compressed air.
Storage:	Keep in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Keep in properly labeled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

There are no exposure limits identified for this product. Exposure limits for individual ingredients are provided below.

Occupational Exposure Limits (OELs):

CAS No.	Components	ppm	Category	Origin
67-64-1	Acetone	1000	TWA (8)	OSHA PEL
		250	TWA (10)	NIOSH REL
		500	TWA (8)	ACGIH TLV
60-29-7	Diethyl Ether	400	TWA	ACGIH TLV
		500	STEL	ACGIH
		400	TWA	OSHA PEL
		500	STEL	OSHA PEL

IDLH: Immediately Dangerous to Life or Health concentration

PEL: Permissible Exposure Limit

OEL: Occupational Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TWA: Time Weighted Average

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

NIOSH: National Institute for Occupational Safety and Health

REL: Recommended Exposure Limit

ENGINEERING CONTROLS

Use with adequate ventilation (e.g. open doors and windows, local exhaust ventilation). Ensure appropriate decontamination equipment is available (e.g. sink, safety shower, eye-wash station). Use in a chemical fume hood when working with large quantities of product and provide adequate ventilation (e.g. local exhaust ventilation).

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection:

Avoid prolonged breathing of fumes. No special respiratory protection is required under typical circumstances of use of handling. In instances where vapors or sprays of this product are generated and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia. Adequate ventilation required in production areas.

Hand Protection:

None required under normal use. When handling large quantities (e.g. ≥ 1 gallon (3.785 liters)), wear rubber or impervious plastic gloves. Wear suitable protective gloves.

Eye Protection:

Wear protective eyewear (e.g. safety glasses with side-shield) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Eye protection required in production areas.

Skin and Body Protection:

When handling large quantities (e.g. ≥ 1 gallon (3.785 liters)), eye wash stations and deluge showers should be available. Skin protection required in production areas

Other protective equipment:

None required under normal use.. Handle in accordance with good industrial hygiene and safety practice. Emergency eyewash and safety shower should be located nearby. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water. Wear suitable protective clothing in production areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odor: Ethereal

Odor Threshold: Not Known

pH:	Not Known
Melting Point/Freezing Point:	Not Known
Boiling Point/ Boiling Range:	41°C (105.8°F)
Flash Point:	-17°C(1.4°F)
Flash Point Method:	Calculated
% Volatile:	Not Known
Evaporation Rate:	< 1, Calculated
Flammability Classification:	Flammable Liquid, Category 2
Explosive Limits:	Not Known
Vapor Pressure:	>80 mm Hg, Calculated
Vapor Density:	> 2
Specific Gravity/Rel. Density:	6.07
Solubility in Water:	Moderately soluble
Partition Coeff. (n-octanol//water):	Not Known
Auto-ignition temperature:	440°C (789°F)
Decomposition temperature:	Not Known
Viscosity:	Not Known

10. STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Stability:	Stable under normal temperatures and pressures.
Conditions to Avoid:	Open flames, sparks, high heat >32.2°C (90°F) or other ignition sources, and proximity to incompatible substances and heavily trafficked areas.
Incompatible With:	Strong oxidizing agents.
Hazardous Decomposition Products:	Strong oxidizers, peroxides, or strong acids.
Hazardous Polymerization:	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

This formula was reviewed by toxicologists in the Global Product Safety and Regulatory Department of Revlon and is determined to be safe for its intended use. This review has taken into consideration available safety-related information including information on individual ingredients, similar formulas and potential ingredient interactions.

Eye Irritation:	Causes serious eye irritation
Skin Corrosion/Irritation:	May cause mild skin irritation

Respiratory or Skin Sensitization:	May cause respiratory irritation
Acute toxicity -Oral:	Moderately toxic by ingestion
Germ Cell Mutagenicity:	Does not contain any ingredients known to be mutagenic according to OSHA
Carcinogenicity:	Does not contain any ingredients known to be carcinogenic according to OSHA, NTP, and IARC
Reproductive toxicity:	Not expected to cause reproductive toxicity
STOT – Single Exposure:	May cause drowsiness or dizziness
STOT – Repeat Exposure:	Not available
Aspiration Hazard:	Not Available

12. ECOLOGICAL INFORMATION

This product has not been tested as a whole for environmental toxicity. However, environmental information on the ingredients in this product have been reviewed by the Global Product Safety and Regulatory Department of Revlon and determined to have an acceptable environmental profile.

Aquatic Toxicity:	Not expected to cause aquatic toxicity
Persistence and Degradability:	Not Available
Bioaccumulative Potential:	Not Available
Mobility in Soil:	Not Available
Other Adverse Effects:	Not expected to cause adverse effects

13. DISPOSAL CONSIDERATIONS

Disposal: Consult applicable Local and State Regulations for disposal of non-hazardous liquids or solids. Do not dispose down sewer systems. Disposal in a properly regulated landfill is acceptable.

14. TRANSPORT INFORMATION

FOR NON-BULK (FINISHED GOODS/RETAIL) SHIPMENT

Ground (DOT): Consumer Commodity, ORM-D.

Vessel (IMDG): UN 1993, Flammable Liquid, n.o.s. (Acetone, Diethyl Ether), 3, Ltd Qty.

Air (IATA): Consumer Commodity, 9, ID8000

FOR BULK SHIPMENT

DOT (Department of Transportation):

UN Number: UN1993

UN Proper Shipping Name: Flammable liquid n.o.s. (Acetone, Dipentene)

UN Hazard Class: 3

UN Packing Group: II

IMDG (International Maritime Organization's Dangerous Goods Code):

Use UN classification listed above.

IATA (International Air Transport Association):
Use UN classification listed above.

15. REGULATORY INFORMATION

International Inventories

TSCA (Toxic Substances Control Act)
DSL (Domestic Substance List)

The product is exempt
The following are listed: Acetone, Diethyl Ether

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any chemicals that are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA

The following substances are regulated as hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

- Acetone
- Diethyl Ether

U.S. State Regulations

California Proposition 65

This product does not contain any chemicals that are classified under Proposition 65.

U.S. State Right-To-Know Regulations

The following ingredients are present in the finished product and listed on the following inventories and state Right-To-Know lists:

Ingredient	CAS #:	TSCA 8(b)	RI RTK	PA RTK	NJ RTK	MA RTK
Acetone	67-64-1	Yes	Yes	Yes	Yes	Yes
Diethyl Ether	60-29-7	Yes		Yes	Yes	Yes

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

16. OTHER INFORMATION

Last Revision: 12/04/2009

Product Name: CND NailFresh

Bulk #: CND-N-015

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Prepared by:

Revlon Research Center

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