

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Revision Date 10-Sep-2024 Revision Number 1

1. Identification

Product identifier

Product Name CND NAILFRESH

Other means of identification

Product Code(s) 4585004

UN-No UN1993

Bulk Number4585004000BrandRevlonCategoryNailSynonymsNone

Recommended use of the chemical and restrictions on use

Recommended Use No information available

Restrictions on useNo information available

Details of the supplier of the safety data sheet

Initial supplier identifier Supplier Address

Revlon Research Center 2121 Route 27Edison, NJ 08818

Emergency telephone number

Emergency Telephone Number INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. Hazard(s) identification

Classification

Flammable liquids	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3

Label elements



Danger

Hazard statements

Highly flammable liquid and vapor Causes serious eye irritation May cause drowsiness or dizziness

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Avoid breathing dust, fume, gas, mist, vapors and spray

Use only outdoors or in a well-ventilated area

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

Keep container tightly closed

Ground and bond container and receiving equipment

Use explosion-proof electrical, ventilating, lighting and .? equipment

Use only non-sparking tools

Take action to prevent static discharges

Wear protective gloves, eye protection and face protection

Keep cool

Precautionary Statements - Response

Eves

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice and attention

Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water and then shower **Inhalation**

IIIIIaialion

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Call a POISON CENTER or doctor if you feel unwell

Fire

In case of fire: Use CO2, dry chemical, or foam to extinguish

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed

Store locked up

Precautionary Statements - Disposal

Dispose of contents and container to an approved waste disposal plant

Other information

May be harmful if swallowed. May be harmful if inhaled.

3. Composition/information on ingredients

Substance

Chemical name	CAS No.	Weight-%	Information Review	Date HMIRA filed and date exemption granted (if applicable)
Acetone 67-64-1 (<70)	67-64-1	<70	-	-
Ethyl Ether 60-29-7 (<30)	60-29-7	<30	-	-

4. First-aid measures

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep

eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin contactWash off immediately with soap and plenty of water while removing all contaminated clothes

and shoes.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious

person. Call a physician.

Self-protection of the first aider Remove all sources of ignition. Ensure that medical personnel are aware of the material(s)

involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid

contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor

concentrations may cause symptoms like headache, dizziness, tiredness, nausea and

vomiting.

Effects of Exposure No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing mediaDo not scatter spilled material with high pressure water streams.

Specific hazards arising from the

chemical

Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire

extinguishing water must be disposed of in accordance with local regulations.

Explosion Data

Sensitivity to mechanical impact None. Sensitivity to static discharge Yes.

Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See

section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the

product must be grounded. Do not touch or walk through spilled material.

Other information

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor

suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other

non-combustible material and transfer to containers for later disposal.

Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert

absorbent material. Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. In case of insufficient ventilation, wear suitable respiratory equipment.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

8. Exposure controls/personal protection

Control parameters Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
ACETONE	STEL: 500 ppm	TWA: 1000 ppm	IDLH: 2500 ppm
	TWA: 250 ppm	TWA: 2400 mg/m ³	TWA: 250 ppm
		(vacated) TWA: 750 ppm	TWA: 590 mg/m ³
		(vacated) TWA: 1800 mg/m ³	
		(vacated) STEL: 2400 mg/m ³	
		The acetone STEL does not	
		apply to the cellulose acetate	
		fiber industry. It is in effect for all	
		other sectors.	
		(vacated) STEL: 1000 ppm	
ETHYL ETHER	STEL: 500 ppm	TWA: 400 ppm	IDLH: 1900 ppm
	TWA: 400 ppm	TWA: 1200 mg/m ³	
		(vacated) TWA: 400 ppm	
<u> </u>		(vacated) TWA: 1200 mg/m ³	
		(vacated) STEL: 500 ppm	
		(vacated) STEL: 1500 mg/m ³	

Chemical name	Alberta	British Columbia	Ontario	Quebec
ACETONE	TWA: 500 ppm	TWA: 250 ppm	TWA: 250 ppm	TWA: 500 ppm
	TWA: 1200 mg/m ³	STEL: 500 ppm	STEL: 500 ppm	TWA: 1190 mg/m ³
	STEL: 750 ppm			STEL: 1000 ppm
	STEL: 1800 mg/m ³			STEL: 2380 mg/m ³
ETHYL ETHER	TWA: 400 ppm	TWA: 400 ppm	TWA: 400 ppm	TWA: 400 ppm
	TWA: 1210 mg/m ³	STEL: 500 ppm	STEL: 500 ppm	TWA: 1210 mg/m ³
	STEL: 500 ppm			STEL: 500 ppm
	STEL: 1520 mg/m ³			STEL: 1520 mg/m ³

Chemical name	Manitoba	New Brunswick	Newfoundland and	Nova Scotia
			Labrador	
Acetone	TWA: 250 ppm	TWA: 250 ppm	TWA: 250 ppm	TWA: 250 ppm
67-64-1 (<70)	STEL: 500 ppm	STEL: 500 ppm	STEL: 500 ppm	STEL: 500 ppm
Ethyl Ether	TWA: 400 ppm	TWA: 400 ppm	TWA: 400 ppm	TWA: 400 ppm
60-29-7 (<30)	STEL: 500 ppm	STEL: 500 ppm	STEL: 500 ppm	STEL: 500 ppm

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
Acetone	TWA: 500 ppm	TWA: 250 ppm	TWA: 500 ppm	TWA: 1000 ppm
67-64-1 (<70)	STEL: 750 ppm	STEL: 500 ppm	STEL: 750 ppm	TWA: 2400 mg/m ³
				STEL: 1250 ppm
				STEL: 3000 mg/m ³
Ethyl Ether	TWA: 400 ppm	TWA: 400 ppm	TWA: 400 ppm	TWA: 400 ppm
60-29-7 (<30)	STEL: 500 ppm	STEL: 500 ppm	STEL: 500 ppm	TWA: 1200 mg/m ³
				STEL: 500 ppm
				STEL: 1500 mg/m ³

Biological occupational exposure limits

Chemical name	ACGIH
Acetone	25 mg/L - urine (Acetone) - end of shift
67-64-1	

Appropriate engineering controls

Engineering controls Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Wear suitable gloves. Impervious gloves.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

Antistatic boots.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are

exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not

be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is

recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid

Color No information available

Odor Ethereal

Odor Threshold No information available

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pHNo data availableNone knownMelting / freezing pointNo data availableNone knownBoiling point / boiling range41 °C / 105.8 °FNone knownFlash Point-17 °C / 1.4 °FNone knownEvaporation Rate< 1</th>None known

Flammability (solid, gas) No data available No information available

Flammability Limit in Air None known

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Vapor pressure>80 mm HgNone knownVapor density>2None knownRelative density6.07None knownWater solubilityNo data availableNone known

None known No data available Solubility in other solvents No data available None known Partition coefficient: n-octanol/water No data available None known 440 °C / 824.0 °F None known **Autoignition temperature Decomposition temperature** No data available None known Kinematic viscosity No data available None known Dynamic viscosity No data available None known

Other information

Explosive properties
Oxidizing properties
No information available

10. Stability and reactivity

Reactivity No information available.

Chemical stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid Heat, flames and sparks.

Incompatible materialsNone known based on information supplied.

Hazardous decomposition products None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation Specific test data for the substance or mixture is not available. May cause irritation of

respiratory tract. May cause drowsiness or dizziness. May be harmful if inhaled.

Eye contact Specific test data for the substance or mixture is not available. Causes serious eye irritation.

(based on components). May cause redness, itching, and pain.

Skin contact Specific test data for the substance or mixture is not available. May cause irritation.

Prolonged contact may cause redness and irritation.

Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause

gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may

cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Acute toxicity

Numerical measures of toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
ACETONE	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	= 50100 mg/m ³ (Rat) 8 h
ETHYL ETHER	= 1215 mg/kg (Rat)	> 20000 mg/kg(Rabbit)	= 32000 ppm (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation May cause skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
ETHYL ETHER	-	Group 3	-	-

Legend

IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity No information available.

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposureNo information available.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
			microorganisms	
ACETONE	-	LC50: 4.74 - 6.33mL/L	-	EC50: 10294 -
		(96h, Oncorhynchus		17704mg/L (48h, Daphnia
		mykiss)		magna)
		LC50: 6210 - 8120mg/L		EC50: 12600 -
		(96h, Pimephales		12700mg/L (48h, Daphnia
		promelas)		magna)
		LC50: =8300mg/L (96h,		
		Lepomis macrochirus)		
ETHYL ETHER	-	LC50: =2560mg/L (96h,	-	-
		Pimephales promelas)		
		LC50: >10000mg/L (96h,		
		Lepomis macrochirus)		

Persistence and Degradability

No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient	
ACETONE	-0.24	
ETHYL ETHER	0.82	

Other adverse effects

No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused

products

Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld

containers.

US EPA Waste Number D001.

California waste information

This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. Transport information

DOT

UN-No UN1993

Proper Shipping Name Flammable liquids, n.o.s.

Transport hazard class(es) 3
Packing Group | |

Reportable quantity - lbs
Reportable quantity lbs.

ACETONE: RQ (lb)= 5000.00, ETHYL ETHER: RQ (lb)= 100.00
ACETONE: RQ (lb)= 7232.00, ETHYL ETHER: RQ (lb)= 338.00

(calculated)

Reportable Quantity (RQ) (RQ/% (ACETONE: RQ (kg)= 2270.00, ETHYL ETHER: RQ (kg)= 45.40)

in mixture)

Reportable quantity kg ACETONE: RQ (kg)= 3283.00, ETHYL ETHER: RQ (kg)= 153.00

(calculated)

DOT Marine Pollutant NP

Description UN1993, Flammable liquids, n.o.s. (ACETONE, ETHYL ETHER), 3, II

Special Provisions IB2, T7, TP1, TP8, TP28

Emergency Response Guide

Number

IATA

UN number or ID number UN1993

Proper Shipping Name Flammable liquid, n.o.s.

Transport hazard class(es) 3
Packing group II
ERG Code 3H
Special Provisions A3

Description UN1993, Flammable liquid, n.o.s. (ACETONE, ETHYL ETHER), 3, II

IMDG

UN number or ID number UN1993

Proper Shipping Name Flammable liquid, n.o.s.

Transport hazard class(es)

Packing Group

EmS-No

Special Provisions

Marine pollutant

3

F-E, S-E

274

NP

Description UN1993, Flammable liquid, n.o.s. (ACETONE, ETHYL ETHER), 3, II, (-17°C c.c.)

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA Complies.

Chemical name	CAS No.	U.S. Toxic Substances Control Act (TSCA) status	US TSCA inactive/active designation
Acetone 67-64-1 (<70)	67-64-1	Compliant	Active
Ethyl Ether	60-29-7	Compliant	Active

Chemical name	CAS No.	U.S. Toxic Substances Control Act (TSCA) status	US TSCA inactive/active designation
60-29-7 (<30)			

DSL All components are listed either on the DSL or NDSL. **EINECS/ELINCS** Contact supplier for inventory compliance status. **ENCS** Contact supplier for inventory compliance status. Contact supplier for inventory compliance status. **IECSC** Contact supplier for inventory compliance status. KECL **PICCS** Contact supplier for inventory compliance status. Contact supplier for inventory compliance status. AICS **NZIoC** Contact supplier for inventory compliance status.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

US 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

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

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

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
ACETONE	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
ETHYL ETHER	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ

US State Regulations

California Proposition 65

This product does not require a Prop 65 chemical warning.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
ACETONE	X	X	X
ETHYL ETHER	X	X	X
ALCOHOL	X	X	X

Revision Date 10-Sep-2024

AQUA ((WATER) EAU)	-	-	X

U.S. EPA Label information

16. Other information

NFPA Health hazards 2 Flammability 3 Instability 0 Special hazards - HMIS Health hazards 2 Flammability 3 Physical hazards 0 Personal Protection X

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value - Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR) U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA) EPA (Environmental Protection Agency) Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

World Health Organization

Revision Date 10-Sep-2024

Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

North America SDS version information - NGHS

UL release: GHS Revision 3 2023 Q1

North America

Full process, including GHS and Transportation Wizards

Specific target organ toxicity (single exposure)

Category 3

Category 3 Target organ effects: Narcotic effects.

Chemical name	RCRA - U Series Wastes	RCRA - P Series Wastes	
ACETONE	U002	-	
ETHYL ETHER	U117	-	
Chemical name	Californ	California Hazardous Waste Status	
ACETONE		Ignitable	
ETHYL ETHER		Ignitable	
		Reactive	