



## SAFETY DATA SHEET

In Accordance with GHS Rev05(2013): U.S. OSHA Standard 29 CFR 1910.1200.

REVISION DATE: June 1, 2015

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** CND Retention+ Powders

**Bulk #:** CND-N-144

**Product Form:** Mixture

**Recommendations on use:** For 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:** Skin Irritation, Category 3

**Pictogram:** Not Applicable

**Signal Word:** Warning

**Hazard Statement(s):**  
H316 Causes mild skin irritation

**Precautionary Statement(s):**  
P332 + P313 If skin irritation occurs: Get medical advice/attention

**Potential Health Effects:**

**Eye Contact:** Possible irritation from dust.  
**Skin Contact:** Irritation. Allergic contact dermatitis is possible with prolonged or repeated contact.  
**Inhalation:** May cause irritation to mouth, nose, throat, and lungs.  
**Ingestion:** Not expected under normal use. May be harmful if large quantities are ingested..

**Unknown Toxicity**

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

**Hazard Classification:**

**OSHA (USA):** Not hazardous.  
**HMIS Rating:** Health: 1. Flammability: 1. Reactivity: 0.  
**NFPA Rating:** Health: 1. Flammability: 1. Reactivity: 0.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #:	%:*
BENZOYL PEROXIDE	94-36-0	0 – 2

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

#### 4. FIRST AID MEASURES

<b>Eye Contact:</b>	Flush eyes immediately with large amounts of water for 15 minutes, holding eyelid(s) open to ensure complete flushing. Seek medical attention if redness, swelling, itching, burning or visual disturbances occur.
<b>Skin Contact:</b>	If irritation develops wash thoroughly with soap and water. Wash all contaminated clothing thoroughly before reuse. Seek medical attention if redness, swelling, itching, or burning occurs.
<b>Inhalation:</b>	Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform respiration and seek medical attention.
<b>Ingestion:</b>	Contact ChemTrec +1 (703) 527-3887 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
<b>Notes to Physician:</b>	Treat symptomatically.
<b>Most important symptoms/effects, both acute and delayed:</b>	No acute or delayed symptoms or effects occur when handling this product.

#### 5. FIRE AND IGNITION INFORMATION

<b>Burn Rate:</b>	Not determined.
<b>Extinguishing Media:</b>	Water, ABC all purpose extinguisher or CO <sub>2</sub> extinguisher.
<b>Special Protective Actions for Fire-Fighters:</b>	Wear suitable protective equipment. In the event of fire, wear self-contained breathing apparatus.  If possible, prevent runoff water from entering storm drains, waterways or environmentally-sensitive areas. Wash contaminated clothing and equipment with warm water and soap, followed by rinse before returning to service.
<b>Specific Hazards Arising from the Chemical:</b>	Not Applicable.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	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.
<b>Methods for Cleaning Up:</b>	For small spills (e.g. < 1 gallon (3.785 liters)) wear appropriate personal protective equipment (e.g. goggles, gloves)/ Spilled product should be swept or vacuumed up immediately to prevent falls. 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. For spills ≥ 1 gallon (3.785 liters), deny entry to all unprotected individuals. Spilled product should be swept or vacuumed up immediately to prevent falls. Transfer to containers for proper disposal. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. Keep all spills and cleaning runoffs out of municipal sewers and open bodies of water.
<b>Environmental Precautions:</b>	No special environmental precautions required. Local authorities should be advised if significant spillages cannot be contained.

## 7. HANDLING AND STORAGE

- Work & Hygiene Practices:** Follow normal hygiene practices. Do not eat, drink, or smoke while handling product. Appropriate personal protective equipment should be worn when working with large quantities (> 1 gallon (3.785 liters)) of this material.
- 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 the individual ingredients are listed below:

#### Occupational Exposure Limits (OEL)

CAS No.	Components	mg/m <sup>3</sup>	Category	Origin
96-53-0	Benzoyl Peroxide	5	TWA (8 h)	ACGIH TLV
		5	TWA (10 h)	ACGIH TLV
		5	TWA (8 h)	OSHA PEL
		5	TWA (8 h)	NIOSH REL

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

US ACGIH: United States American Conference of Governmental Industrial Hygienists

US OSHA: United States Occupational Safety and Health Administration

NIOSH: National Institute for Occupational Safety and Health

REL: Recommended Exposure Limit

### ENGINEERING CONTROLS

General mechanical ventilation (e.g. local exhaust ventilation, fans) is required for use with this product.

### PERSONAL PROTECTIVE EQUIPMENT

- Respiratory protection:** Respirators are not required for use with this product. However, this product is a nuisance dust hazard. Product may cause irritation of the mouth, nose, throat, and lungs. Accordingly, when working with large quantities (> 1 gallon (3.785 liters)) a dust mask is suggested. A respiratory protection program that meets OSHA's 29 CFR §1910.134 and ANSI Z88.2 requirements must be followed whenever a respirator is used. Adequate ventilation required in production areas.
- Hand Protection:** None required under normal use. May cause skin irritation in some sensitive individuals. When handling large quantities (e.g. ≥ 1 gallon (3.785 liters)) wear rubber or impervious plastic gloves. Wear suitable protective gloves in production areas.
- Eye Protection:** Safety glasses with side shields should be used when using this product. Eye protection required in production areas. Wear suitable eye/face protection.
- Skin and Body Protection:** When handling large quantities (e.g. ≥ 1 gallon (3.785 liters)), an apron should be worn and eye wash stations and deluge showers should be available. Wear suitable protective clothing in production areas.
- Other protective equipment:** None required under normal use. Skin protection required in production areas and when handling large quantities (e.g. ≥ 1 gallon (3.785 liters)). Upon completion of work activities involving large

quantities of this product, wash any exposed areas thoroughly with soap and water. Handle in accordance with good industrial hygiene and safety practice. Emergency eyewash and safety shower should be located nearby.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White or light pink powder
<b>Odor:</b>	Faint bland
<b>Odor Threshold:</b>	Not Known
<b>pH:</b>	Not Known
<b>Melting Point/Freezing Point:</b>	Approximately 200°C (392°F)
<b>Boiling Point/ Boiling Range:</b>	Not Known
<b>Flash Point:</b>	Above 150°C (302°F).
<b>Flash Point Method:</b>	Closed Cup (ASTM D 6450-05)
<b>% Volatile:</b>	Not Known
<b>Evaporation Rate:</b>	Not Known
<b>Flammability Classification:</b>	Not Classified
<b>Explosive Limits:</b>	Not Known
<b>Vapor Pressure:</b>	Not Known
<b>Vapor Density:</b>	Not Known
<b>Specific Gravity/Rel. Density:</b>	Not Known
<b>Solubility in Water:</b>	Insoluble
<b>Partition Coeff. (n-octanol//water):</b>	Not Known
<b>Auto-ignition temperature:</b>	Not Known
<b>Decomposition temperature:</b>	Not Known
<b>Viscosity:</b>	Not Known

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No dangerous reaction known under conditions of normal use.
<b>Stability:</b>	Stable under normal temperatures and pressures.
<b>Conditions to Avoid:</b>	None Known.
<b>Incompatible With:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Oxides of carbon.
<b>Hazardous Polymerization:</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

This formula was reviewed by 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.

<b>Eye Irritation:</b>	Possible irritation from dust
<b>Skin Corrosion/Irritation:</b>	Skin irritant
<b>Respiratory or Skin Sensitization:</b>	Possible allergic reaction with prolonged or repeated contact
<b>Acute toxicity:</b>	Not Available
<b>Germ Cell Mutagenicity:</b>	Does not contain any ingredients known to be mutagenic according to OSHA
<b>Carcinogenicity:</b>	Does not contain any ingredients known to be carcinogenic according to OSHA, NTP, and IARC
<b>Reproductive toxicity:</b>	Not expected to cause reproductive toxicity
<b>STOT – Single Exposure:</b>	Not expected to cause organ toxicity
<b>STOT – Repeat Exposure:</b>	Not expected to cause organ toxicity
<b>Aspiration Hazard:</b>	Not an aspiration hazard

## 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.

<b>Aquatic Toxicity:</b>	Not expected to cause aquatic toxicity
<b>Persistence and Degradability:</b>	Not Available
<b>Bioaccumulative Potential:</b>	Not Available
<b>Mobility in Soil:</b>	Not Available
<b>Other Adverse Effects:</b>	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):** Not hazardous for transport.

**Vessel (IMDG):** Not hazardous for transport.

**Air (IATA):** Not hazardous for transport.

### FOR BULK SHIPMENT

**DOT (Department of Transportation):** Not hazardous for transport.

**UN Number:** Non-regulated

**UN Proper Shipping Name:** Non-regulated

UN Hazard Class: Non-regulated  
UN Packing Group: Non-regulated

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) The product is exempt  
DSL (Domestic Substance List) The following are listed: Benzoyl Peroxide

### 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	No
Fire Hazard	No
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

This material, as supplied, does not contain any substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

### 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

Ingredient	CAS #:	TSCA 8(b)	MA RTK	NJ RTK	PA RTK
Benzoyl Peroxide	94-36-0	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: 4/18/2011.  
Prepared by: Revlon Research Center

**Manufacture Supplemental Notes:**

Read all warnings and directions on packaging carefully before use.

**Additional MSDS Information:**

For external use only.

**Disclaimer:**

Judgments as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, Revlon, Inc. extends no warranties, makes no representations and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.

**Comments:**

Cosmetic products are exempted from Safety Data Sheets by article 2.6 (b) of regulation (EC)n 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of chemicals (REACH) in Europe.

Cosmetic products are partially exempt from Canada's Workplace Hazardous Materials Information System (WHMIS) by section C of the regulation.

Cosmetic product for consumer use are exempted from labeling requirements under the United States Occupational Safety and Health Administration's Hazard Communication Standard 29 CFR 1910.1200 under section 29 CFR 1910.1200(b)(5)(iii). Cosmetics are covered by the Food and Drug Administration's Food, Drug and Cosmetic Act and Consumer Product Safety Act.