

Section 1 Identification.

Product name:

NOCO® ChargeLight

Product code:

CL3

Other means of identification: Not available.

Recommended use: Rechargeable lithium-ion battery pack, docking station, and flashlight

Nominal voltage: 3.7V

Rated capacity: 3000 mAh

Watt hour (electric energy): 11.1 Wh

Manufacturer: The NOCO Company Glenwillow, OH 44139

Emergency telephone number of the company: PERS (800) 633-8253 USA/CANADA
PERS (801) 629-0667 INTERNATIONAL

Information telephone number of the company: (800) 456-6626
Mon-Fri 8:00am to 5:00pm MST

Section 2 Hazards identification.

Classification:

This product is an article which is a sealed battery and as such does not require an SDS per the OSHA hazard communication standards unless ruptured. The sealed lithium-ion battery is not hazardous in normal use.

Hazard statement: None

Pictograms: N/A

Precautionary statements: None

Description of any hazards not otherwise classified:

In case of mistreatment (abusive over charge, reverse charge, external short circuit, etc.) and in case of fault, some electrolytes can leak from the cell through the safety device. In this case refer to the risk of the electrolytes. Contact with internal components may cause irritation or severe burns. Irritating to eyes, respiratory system and skin. The electrode materials are only hazardous if the material are released by mechanical damaging of the cell, or if it is exposed to fire.

Section 3 Composition/information on ingredients.

Ingredient	CAS Number	PEL PPM	TLV PPM	TLV MG/M3	UEL	Concentration %
Metal Oxide (Proprietary)	Confidential	N/A	N/A	N/A	N/A	20~50
Carbon	7440-44-0	N/A	N/A	N/A	N/A	10~30
Aluminum Foil	7429-90-5	N/A	N/A	N/A	N/A	2~10
Copper Foil	7440-50-8	N/A	N/A	N/A	N/A	2~10
PVDF (Polyvinylidene Fluoride)	24937-79-9	N/A	N/A	N/A	N/A	<5
Electrolyte (Proprietary)	Confidential	N/A	N/A	N/A	N/A	10~20
Styrene Butadiene Rubber (SBR)	9003-55-8	N/A	N/A	N/A	N/A	<5
Aluminum and Inert Metals	N/A	N/A	N/A	N/A	N/A	Remainder

Section 4 First aid measures.

General advice: First aid is only applicable in case of a cell rupture.

Ingestion: If swallowed do not induce vomiting. Seek medical attention. Ingestion of battery contents may cause mouth, throat, and intestinal burns and damage.

Inhalation: If irritation of nose or throat develops, move away from source of exposure and into fresh air. Inhalation of a large number of vapors or fumes released due to heat, damage, or incorrect use, may cause respiratory irritation. Seek Medical attention.

Eye Contact: For direct contact, flush the affected eye(s) with gentle stream of clean water for at least 15 minutes. If irritation persists; seek medical attention.

Skin contact: Do not use gasolines, thinners, or solvents to remove products from skin. Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water and, if necessary, a waterless skin cleaner. If irritation or redness develops and persists, seek medical attention. Contact with battery electrolyte may cause burns and skin irritation.

Most important symptoms and effects, both acute and delayed: Contact with internal components may cause allergic skin sensitizations (rash) and irritate eyes, nose, throat, and respiratory system. Cobalt and cobalt compounds are considered to be possible human carcinogens.

Section 5 Firefighting measures.

Extinguishing media:	Use foam, dry powder, or dry sand, CO ₂ as appropriate.
Unsuitable extinguishing media:	CAUTION: Use of water spray when fighting battery fire may be inefficient.
Specific hazards arising from the chemical:	Under fire conditions, batteries may burst and release hazardous decomposition products. This could result in the release of flammable or corrosive materials.
Hazardous combustion product:	CO, CO ₂ , metal oxides, irritating fumes.
Protective equipment and precautions for firefighters:	Firefighters must wear fire resistant protective equipment and an appropriate breathing apparatus. Fire and toxic gas resistant clothing is recommended. Remove the container to open space as soon as possible. Be upwind of the fire before extinguishing.

If fire or explosion occurs when the PRODUCT is being charged, shut off power to charger. In case of fire where lithium batteries are present, flood the area with water. If any batteries are burning, water may not extinguish them, but will cool the adjacent batteries and control the spread. CO₂, dry chemicals, and foam extinguishers are suggested for small fires, but may not fully extinguish lithium battery fires. In certain instances, hydrogen gas may be created when using water to put out a lithium battery fire, creating an explosive mixture in the air. LITH-X (powdered graphite) or copper powder fire extinguishers, sand, dry ground dolomite, or soda ash may be used as smothering agents.

Section 6 Accidental release measures.

Personal precautions, protective equipment, and emergency procedures:	If the battery material is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. The preferred response is to leave the area, dispose of the case after the batteries have cooled, and vapors have dissipated. Avoid contact with skin and eyes and avoid inhalation of vapors.
Methods for containment:	Prevent further leakage or spillage if it is safe to do so.
Waste disposal method:	Collect all released material in a plastic lined container. Dispose of according to the local law and rules. Dispose of in a timely manner as leached substances can be absorbed into the earth, and subsequently the water.

Section 7 Handling and storage.

Precautions to be taken in handling and storage:	Always follow the warning information on the batteries and in the manuals of devices. Only use on the recommended battery types. Keep batteries away from children. For devices to be used by children, the battery casing should be protected against unauthorized access. Unpacked batteries should not be stored in bulk. In case of battery change always replace all batteries with new ones of identical type and brand. Do not swallow batteries. Do not throw batteries into water. Do not throw batteries into fire. Avoid deep discharge. Do not short-circuit batteries, use recommended charging time and current.
Storage:	Keep containers tightly closed in a dry, cool, and well-ventilated place. Store locked up. Keep out of the reach of children. If battery is subject to storage for long term (more than 3 months) it is recommended to recharge the battery periodically.
Incompatible products:	Strong acids. Strong oxidizing agents.

Section 8 Exposure controls/personal protection.

Respiratory protection: None (under normal charge and discharge).

Protective gloves: None (under normal charge and discharge).

Eye protection: None (under normal charge and discharge).

Ventilation: None (under normal charge and discharge).

Other protective equipment: None (under normal charge and discharge).

Section 9 Physical and chemical data.

Physical state: Solid

Appearance & odor: Silver, odorless

Odor Threshold: No data available

PH: No data available

Melting/freezing point: No data available

Boiling point/boiling range: No data available

Flash point: No data available

Evaporation rate: No data available

Flammability (upper and lower limit): No data available

Vapor pressure: No data available

Vapor density: No data available

Specific gravity: No data available

Solubility: Insoluble in water

Section 10 Stability and reactivity data.

Stability: Stable under recommended storing conditions.

Incompatibility: Avoid contact with strong acids and strong oxidizing agents. Extended exposure to high temperatures may cause decomposition.

Reactivity: No data available

Hazardous decomposition products: Under fire conditions, hydrogen fluoride and carbon monoxide may be released.

Possibility of hazardous reactions: When heated above 150°C the risk of rupture occurs. Due to special safety construction, rupture implies controlled release of pressure without ignition.

Section 11 Toxicological information.

Communication of physical property, health, and safety information is a key factor in our product safety program. With this information you can better fulfill your obligation to educate exposed personnel in the proper handling techniques required to maintain safety in the workplace. Listed in this section is NPCA-HMIS classification for this product.

Unusual hazards: None known.

Routes of entry: Inhalation and skin. Avoid eye contact. Do not ingest.

Eyes: This material may cause eye irritation. Direct contact may cause burning, tearing and redness.

Inhalation: This product has low volatility and so is not expected to cause respiratory tract irritation.

Ingestion: Ingestion of this material is not recommended.

Acute toxicity: No data available.

Skin corrosion/irritation: The liquid in the battery is an irritant.

Eye damage/irritation: The liquid in the battery is an irritant.

Respiratory sensitization: The liquid in the battery may cause sensitivity in the respiratory tract.

Skin sensitization: The liquid in the battery may cause sensitivity in the skin.

Carcinogenicity: Cobalt and cobalt compounds are considered to be possible human carcinogens.

Germ cell mutagenicity: No data available.

Reproductive toxicity: No data available.

STOT-single exposure: No data available.

STOT-repeated exposure: No data available.

Aspiration hazard: No data available.

This product does not elicit toxicological properties during routine handling and use. If the battery is opened through misuse or damage, discard immediately. Internal components of the battery are irritants and sensitizers. This product does not contain mercury, cadmium, or lithium-metal.

Section 12 Ecological information.

Water hazard class 1 (self-assessment): Slightly hazardous for water.

Persistence and degradability: No information available.

Bioaccumulation: Under normal conditions, none. If broken, some materials within are bio accumulative.

Other adverse affects: No information available.

Section 13 Disposal considerations.

Disposal methods: Dispose of product in accordance with local, county, state and federal regulations. Do not incinerate except for disposal in a controlled incinerator. Do not incinerate except for disposal in a controlled incinerator. Please follow any local requirements to recycle this charging device for used electronic appliances and rechargeable batteries. This product contains recyclable materials and is accepted for recycling by the Rechargeable Battery Recycling Program (RBRC). Please call 1-800-8-Battery for information on recycling your used lithium-ion charger or to go the RBRC website at <http://www.call2recycle.org/> for additional information.

Section 14 Transport information.

The manufacturer of the rechargeable Lithium-Ion battery pack used in this product has certified that it has been tested and fulfilled the requirements and conditions in accordance with UN Recommendation (T1-T8) on the Transport of Dangerous Goods Model Regulations and the Manual of Tests and Criteria that can be treated as "Non-Dangerous Goods."

UN No.: 3481

Proper Shipping Name: Lithium-Ion Battery

Battery: 11.1Wh

Battery Weight: 43 grams

The transportation of lithium-ion batteries contained in equipment is regulated ADR/RID, IMO, IATA/DGR and US DOT. Small, consumer-type lithium-ion ion batteries sold on the market today are provided an exception from dangerous goods regulations and thus do not require Class 9 labeling, marking, or packaging unless the combined net weight of all lithium-ion batteries in one package is greater than 5 kgs. Product must be packed in strong outer packaging and when two or more of these products are shipped together, they must be labeled with the appropriate lithium-ion battery label. Air shipments of this product are to be made in the accordance with Packing Instruction 967 of the IATA/CAO regulations.

Our products are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to all the applicable international and national governmental regulations when shipped to customers. The NOCO Company does not provide or sign blanket or generic documents prepared by outside individuals or companies when re-shipping this product. All such shipments should be prepared in accordance with the proper packing instructions and prepared by a person knowledgeable of the product and shipping method. Transportation regulations are subject to change. Shippers should consult the applicable regulations when preparing a shipment.

Information below is a summary for AIR shipment of this product.

- The equipment must be packaged in strong outer packaging constructed of suitable material of adequate strength and design in relation to the packaging's capacity and its intended use unless the cell or battery is afforded equivalent protection by the equipment in which it is contained.
- Maximum Net Quantity of cells or batteries per package: 5kg.
- Each package must be labeled with a completed battery label.
- This label must contain a telephone number where more information on the shipment and its content can be obtained.
- The label/markings is not required for packages containing 2 batteries or less.

Information below is for Truck/Sea/Rail Transportation:

- Shall be protected from damage and short circuit and the equipment shall be protected from damage and short circuit with a means of preventing accidental activation.
- The IATA label shown above meets the marking requirements listed.

Section 15 Regulatory information.

United States

OSHA Status: While the finished product(s) is considered an article and not covered by the OSHA Hazard Communication Standard, 29 CFR 1910.1200, this MSDS/SDS contains valuable information critical to the safe handling and proper use of the product.

California: This product has been evaluated and does not require warning labeling under California Proposition 65.

Canada: This product is a manufactured article and not subject to notification under CEPA DSL. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR).

Section 16 Other information.

Prepared on: December 8, 2015

Revised on: July 2, 2019

DISCLAIMER: This document is intended to provide a brief summary of our knowledge and guidance regarding the use and handling of this product. The information contained here has been compiled from sources considered by The NOCO Company and its affiliates to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communications regulations. The information is offered in good faith. Each user of this product needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. The NOCO Company and its affiliates assume no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from the misuse of this product.