Section 1 Identification.

Product name:

NOCO® XGB6 Battery Pack

Product code:

XBG6

Other means of identification:	Not available.
Recommended use:	Rechargeable lithium-ion USB battery pack
Nominal voltage:	3.7V
Nominal capacity:	2780 mAh
Watt hour capacity:	10.28 Wh
Manufacturer:	The NOCO Company Glenwillow, OH 44139
Emergency telephone number of the company:	(800) 424-9300
Information telephone number of the company:	(800) 456-6626

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.

DO NOT OPEN DEVICE, as there are no user-serviceable parts inside.

Section 3 Composition/information on ingredients.

Ingredient	CAS Number	PEL PPM	TLV MG/M3	Concentration %
Graphite	7782-42-5	5 (respirable fraction) 15 (total dust)	2	7~25
Lithium Cobalt Oxide	12190-79-3	0.1	0.02	15~40
Nickel	7440-02-0	0.1	0.02	3~15
Manganese	7439-96-5	0.1	0.02	3~15
Hexafluoropropylenevi-nylidene Flouride Copolymer	9011-17-0	None	None	3~15
Lithium Hexafluorophosphate	21324-40-3	None	None	0~5
Acetylene Black	1333-86-4	3.5 (as carbon black)	3.5 (as carbon black)	0~2
Diethyl Carbonate	105-58-8	None	None	0~15
Dimethyl Carbonate	616-38-6	None	None	0~15
Ethyl Methyl Carbonate	623-53-0	None	None	0~15
Propylene Carbonate	108-32-7	None	None	0~15
Ethylene Carbonate	96-49-1	None	None	0~15

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, CO2 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, CO2, 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. CO^2, 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. 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 100°C (212°F) 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.

This product complies with all applicable shipping regulations as prescribed by industry and legal standards which include UN Recommendations on the Transport of Dangerous Goods; IATA Dangerous Goods Regulations and US DOT requirements. Cells and Batteries have been tested to section 38.3 of the UN Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria. The product listed in this Safety Data Sheet is less than 100 Whrs; therefore, air shipment of up to 2 can be shipped as an “excepted” quantity and does not require being shipped as a fully regulated Class 9 Hazardous Material. If more than 2 are being shipped in one package, using Air Transportation, then the package is considered a fully regulated shipment and must meet the more stringent documentation, marking, and labeling requirements. All packages should be handled with care. **If the package is damaged in transportation, it must not be loaded until the condition of the contents can be verified to be intact.**

UN number and proper shipping name:	UN3480 Lithium ion battery
Air shipments (IATA):	Packing instruction 965 (Section 1B for greater than 2 batteries per package, Section II for less than or equal to 2 batteries per package)
Sea shipments (IMO-IMDG):	Special provision 188
Europe road transportation (ADR):	Special provision 188
US road transportation (DOT):	Special provision 188

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

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.