Section 1 Identification.

Product name:
NOCO® AX65

Product code:
AX65

Name of Sample:	Jump starter
Nominal voltage:	14.8V Output 5V/9V/12V/15V/20V
Rated capacity:	2150mAh, 31.8Wh
Manufacturer/ Importer:	The NOCO Company 30339 Diamond Parkway #102 Glenwillow, OH 44139
Email:	support@no.co
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 of the substance or mixture:

Classification of Danger:	See Section 14
Primary routes of exposure:	Eye, Skin Contact, Congestion
Health hazards:	The batteries are not hazardous when used according to the instructions of the manufacturer under normal conditions. In case of abuse, there's Hazard of rupture, fire, leakage of internal components, which could cause casualty loss. Abuses including but not limited to the following cases: charged for long time, short circuited, put into fire, whacked with hard object, punctured with acute object, crushed, and broken.

Section 3 Composition/information on ingredients.

Exposure to hazardous ingredients is not anticipated under normal product use. Risk of exposure occurs only if the product is mechanically, thermally, or electrically abused to the point of compromising the enclosure.

Chemical Name	Concentration %	CAS Number
Lithium Cobalt Oxide	10-20%	12190-79-3
Cobalt Lithium manganese nickel oxide	10-20%	182442-95-1
Graphite	10-20%	7782-42-5
Polyvinylidene Fluoride (PVDF)	<1%	25937-79-9
Aluminium	5-10%	7429-90-5
Styrene-Butadiene Rubber (SBR)	<1%	61789-96-6
Carboxymethylcellulose	<1%	9000-11-7
Copper	10-15%	7440-50-8
Nickel	1-5%	7440-02-0
Lithium Hexafluorophosphate	10-15%	21324-40-3
Nylon	<1%	24937-16-4
Polyethylene	<1%	9003-07-0

Section 4 First Aid Measures.

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

Skin exposure: Contact with the internal battery materials can cause burns and skin irritation. If contact should occur, immediately flush with plenty of water. 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.

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

Ingestion: Ingestion of battery contents if battery is compromised due to incorrect use or damaged may cause mouth, throat, and intestinal burns. Seek immediate medical attention. Do not induce vomiting unless directed to do so by medical personnel.

Section 5 Firefighting measures.

Extinguishing media:	Use foam, dry powder, or dry sand, CO2 as appropriate. Use fire-extinguishing media appropriate for surrounding areas. Do not use water unless flooding amounts are available.
Specific hazards:	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:	CO2
Protective equipment and Precautions for firefighters:	Firefighters must wear fire resistant protective equipment and 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.

Section 6 Accidental release measures.

Personal precautions, Protective equipment, and Emergency procedures:	If 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 inhalations 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 local law and rules (see Section 13). 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 storing:	Always follow the warning information on the product user manual and in the manuals of devices product will be used on. Only use on the recommended battery types. Keep product away from children. Product should be protected against unauthorized use and access. Do not handle with metalwork. Do not disassemble, crush, or burn product. Ensure good ventilation when using.
Storage:	Store product in a dry, cool, and well-ventilated area. Keep out of reach of children. It is recommended to recharge the battery periodically, if product is subject to storage for a long period of time (more than 3 months). Do not store or use product near fire or heaters, avoid storage in direct sunlight. Do not store together with oxidizing and acidic materials. Do not immerse in water.

Section 8 Exposure controls/personal protection.

Ventilation:	Use where there is adequate ventilation. Keep away from heat and flames.
Respiratory protection:	Not necessary under normal use. In case of battery rupture, use self-contained full-face respiratory equipment.
Protective gloves:	Not necessary under normal use. Use rubber gloves if handling a leaking or ruptured battery.
Eye protection:	Not necessary under normal use. Wear safety goggles or glasses with side shields if handling a leaking or ruptured battery.
Skin protection:	Not necessary under normal use. Use rubber apron if handling a leaking or ruptured battery.
Other protective equipment:	Not necessary under normal use.
Hygiene measures:	Do not eat, drink, or smoke when using this product.

Section 9 Physical and Chemical Properties.

Physical State

Appearance:	Prismatic
Color:	Black
Odor:	If leaking, smells of medical ether.

Change in condition

ph:	Not applicable as supplied.
Flash Point:	Not applicable unless individual components exposed.
Flammability:	Not applicable unless individual components exposed.
Relative density:	Not applicable unless individual components exposed.
Solubility (Water):	Not applicable unless individual components exposed.
Solubility (Other):	Not applicable unless individual components exposed.

Section 10 Stability and Reactivity.

Stability:	Stable under recommended storing conditions.
Incompatibility:	Avoid contact with strong acids, corrosives and oxidizing agents.
Possibility of hazardous reactions:	When heated above 100°C, the risk of rupture occurs. Due to special safety construction, rupture implies controlled release of pressure without ignition.
Hazardous Decomposition Products:	Under fire conditions, the electrode materials can form carcinogenic cobalt oxides.

Section 11 Toxicological Information.

Irritation:	In the event of exposure to internal contents, vapor fumes may be very irritating to the eyes and skin.
Sensitization:	Not Available.
Reproductive toxicity:	No information available.
Toxicologically Synergistic Materials:	No information available.

Section 12 Ecological Information.

General note:	Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system
Anticipated behavior of a chemical product in environment/ possible environmental impact/ ecotoxicity:	Not available.

Section 13 Disposal considerations.

Waste Treatment:	This product should be completely discharged prior to disposal. The product should be recycled. Collect and reclaim or dispose of sealed containers at licensed waste disposal sites. Refer to National or Local regulations before handling. Disposal of the product should be performed by permitted, professional disposal firms knowledgeable in National or Local regulations of hazardous waste treatment and hazardous waste transportation. If leaking or damaged, it should be taken to an approved waste handling site for recycling or disposal.

Section 14 Transportation Information.

UN Number: UN3480 & 3481

Proper Shipping Name: Lithium-ion battery

Transport hazard classes: Class 9
Subsidiary risk –
Packing Group –
Environmental Hazards: No
Hazchem Code: 4W
IMDG EmS Number: F-A, S-I

Read safety instructions, SDS and emergency procedures before handling.

Section 14 Transport information continued.

Special Precautions which a user needs to be aware of, or needs to comply with, in connection with transport or coveyance either within or outside their premises.

ICAO/IATA:

Special precautions: Can be shipped by air in accordance with International Civil Aviation Organization (ICAO), TI or International Air Transport Association (IATA), DGR Packing Instruction 965 Section IB, 966~967 Section II appropriate of IATA DGR 65th (2024 Edition) for transportation.

IMDG CODE:

Special precautions: The batteries are not restricted to IMDG Code 2022 Edition (Amdt 41-22) according to special provision 188.

DOT:

Special precautions: Other requirements for the US Department of Transportation (DOT) Subchapter C, Hazardous Materials Regulations if shipped in compliance with 49 CFR 173.185.

ADR/ ADN:

Special precautions: The batteries are not subject to the provisions of the United Nations Economic Comission for Europe (UNECE) ADR/ADN if they meet the requirements of special provision 188 of Chapter 3.3 Applicable as from 1 January 2023.

Transport in bulk according to ANNEX II of MARPOL 73/73 and the IBC Code: Not applicable

General Information: The dangerous goods regulations require that each cell and battery designed be subject to tests contained in Part III, subsection 38.3 of the UN Manual of Tests and Criteria prior to being offered for transport. Batteries containing these cells should be transported as Class 9 Hazardous materials, except for those battery types declared to be exempt.

Section 15 Regulatory Information.

Dangerous Goods Regulations

Recommendations on the Transport of Dangerous Goods-Model Regulations

Recommendations on the Transport of Dangerous Goods-Manual of Tests and Criteria

International Air Transport Association (IATA)

International Maritime Dangerous Goods

Technical Instructions for the Safe Transport of Dangerous goods

OSHA Hazard Communication Standard

Toxic Substance Control Act (TSCA)

Code of Federal Regulations

In accordance with all Federal, State, and local laws

Section 16 Other Information.

The information herein presented in good faith and believed to be accurate, based on the present state of knowledge and current legislation, as of the date of document preparation. This safety data sheet provides guidance on health, safety, environmental, and transportation aspects of the product for users who have professional training.

As this information may be applied under conditions beyond our control and with which we may be unfamiliar; **no warranty, expressed or implied, is given;** and this document should not be construed as any guarantee of technical performance or suitability for particular applications. It is the buyer's responsibility to ensure that its activities comply with National, Federal, State, and local laws.

Prepared on: May 16, 2025