

Section 1 Identification.

Product name:

NOCO® Boost Max 6250A Jump Starter

Product code:

GB500+

Other means of identification: Not available.

Recommended use: Rechargeable battery jumpstarter

Nominal Voltage: 11.1V

Rated capacity: 24000mAh

Watt hour (electric energy): 266.4Wh

Manufacturer: The NOCO Company
Spaces T&G Bldg., Level 1&2; 161 Collins Street
Melbourne, Australia 3000

Email support@no.co

Emergency telephone: Ambipar/PERS 1.800.219.8391 USA/CANADA
Ambipar/PERS 1800.865.237

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

Section 2 Hazards Information.

Classification: HMIS Ratings: Health: 0 Fire: 0 HMIS Reactivity: 0

This product is an "article" which is a sealed battery and as such is exempted from the requirements of the Hazard Communication Standard and does not require an SDS unless ruptured. The product is not considered dangerous as manufactured and is not hazardous in normal use. Do not disassemble, crush, heat above 60°C (140°F) or incinerate. READ OWNER'S MANUAL BEFORE USE.

The chemicals are contained in a sealed enclosure. Risk of exposure only occurs if the product is mistreated, abused, subjected to extreme pressure deformation, high-temperature environment, overload, external short circuit, or disassembled; compromising the enclosure. In this case, risk of exposure to the electrolytes can occur. Contact with the internal components may cause irritation or severe burns. It is irritating to the eyes, respiratory system and skin. The electrode materials are only hazardous if the material is released by mechanical damaging of the cell, or if it is exposed to fire.

Section 3 Composition/Information on ingredients.

Chemical Name	Molecular Formula	CAS Number	Concentration %
SDL-9564145			
Lithium Cobalt Oxide	LiCoO_2	12190-79-3	15.03
Polyvinylidene Fluoride (PVDF)	$(\text{C}_2\text{H}_2\text{F}_2)_n$	24937-79-9	15.0
Aluminium	Al	7429-90-5	5.9
Graphite	$\text{C}_{24}\text{X}_{12}$	7782-42-5	9.43
Styrene-Butadiene Rubber (SBR)	$(\text{C}_8\text{H}_8 \cdot \text{C}_4\text{H}_6)_x$	9003-55-8	15.28
Carboxymethylcellulose	$[\text{C}_6\text{H}_7\text{O}_2(\text{OH})_2\text{CH}_2\text{COONa}]_n$	9000-11-7	0.69
Copper	Cu	7440-50-8	0.51
Lithium Hexafluorophosphate	LiPF_6	21324-40-3	12.54
Polyethylene	$(\text{C}_2\text{H}_4)_n$	9002-88-4	18.46
Ethylene-Propylene-Diene Monomer	C_2ClF_3	24937-16-4	5.88
SDL-6064145			
Lithium Cobalt Oxide	LiCoO_2	12190-79-3	14.93
Polyvinylidene Fluoride (PVDF)	$(\text{C}_2\text{H}_2\text{F}_2)_n$	24937-79-9	15.1
Aluminium	Al	7429-90-5	5.7
Graphite	$\text{C}_{24}\text{X}_{12}$	7782-42-5	9.43
Styrene-Butadiene Rubber (SBR)	$(\text{C}_8\text{H}_8 \cdot \text{C}_4\text{H}_6)_x$	9003-55-8	15.48
Carboxymethylcellulose	$[\text{C}_6\text{H}_7\text{O}_2(\text{OH})_2\text{CH}_2\text{COONa}]_n$	9000-11-7	0.75
Copper	Cu	7440-50-8	0.57
Lithium Hexafluorophosphate	LiPF_6	21324-40-3	12.33
Polyethylene	$(\text{C}_2\text{H}_4)_n$	9002-88-4	18.57
Ethylene-Propylene-Diene Monomer	C_2ClF_3	24937-16-4	5.88

Section 4 First aid measures.

General advice: First aid is only applicable in case of a cell rupture. Cell rupture can only occur if product is misused, mechanically, thermally, or electrically abused to the point of compromising the enclosure. Contact with internal components may cause allergic skin sensitization (rash) and irritate eyes, nose, throat, and respiratory system. Cobalt and Cobalt compounds are considered possible human carcinogens.

Section 4 First aid measures continued.

- 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.
- 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.
- 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.

Section 5 Firefighting measures.

Exposure to excessive heat can cause venting of the liquid electrolyte.

- Extinguishing media:** Use foam, dry powder, or dry sand, CO₂ as appropriate. CAUTION: Use of water spray when fighting battery fire may be inefficient.
- 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:** CO, CO₂, Metal oxides, irritating fumes.
- 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.

Appearance: Quadrate shape

Odor: If leaking, smells of medical ether.

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.

As the battery materials in this product are sealed, the potential for exposure to the components of the battery is negligible. However technical or electrical abuse of the product, including dismantling, crushing, exposing to heat or fire, improper storage, or other abuse to the point of compromising the enclosure, irritation to the skin, eyes, and respiratory tract may occur.

Signs & symptoms: None, unless battery ruptures.

In the event of exposure to internal contents, vapor fumes may be very irritating to the eyes and skin.

Inhalation: Lung irritant.

Skin contact: Skin irritant

Eye contact: Eye irritant

Ingestion: Poisoning if swallowed

Medical conditions generally aggravated by exposure: In the event of exposure to internal contents, moderate to severe irritation, burning and dryness of the skin may occur, Target organs nerves, liver and kidneys.

Section 12 Ecological information.

Mammalian effects: None known at present.

Eco-toxicity: None known at present.

Bioaccumulation potential: Slowly Bio-degradable.

Environmental fate: None known environmental hazards at present.

Section 13 Disposal considerations.

Disposal methods: This product should be completely discharged prior to disposal. The battery contains recyclable materials. It is strongly suggested to recycle. 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.

This product has been classified as a State hazardous waste.
States codes applied: CA 141, WA WT01.

Section 14 Transport information.

When transported in original packaging, 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 (58th Edition) and US DOT requirements.

The product listed in this Safety Data Sheet is greater than 100 Whrs. 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. Original packaging has passed the 1.2 m drop test.

Air shipment is discouraged unless person preparing or offering product for air shipment is adequately instructed on IATA Packing Instructions 965 requirements for shipment of lithium ion batteries.

UN number: UN3480

Proper Shipping Name: Lithium-ion batteries

Class 9 Label

Packing Group: II (UN/4G)

EmS No: F-A, S-I

Marine Pollutant: No

TRUCK/RAIL: P903

ADR 1.1.3.6: If over Max 333kg/per transport unit (truck incl. trailer), additional requirements to the carrier required

DOT: If under 300wH, Class 9 Label not required

IMDG: P903 Shippers Declaration for Dangerous Goods Required

AIR: PI965 Section 1A Shippers Declaration for Dangerous Goods Required

Section 14 Transport information continued.

Please refer to the listed regulations for further and detailed information:

- ADR: European Agreement concerning the International Carriage of Dangerous Goods
- 49CFR: Code of Federal Regulations, DOT, PHMSA is responsible for regulating movement of hazardous materials by all modes of transportation within the US.
- IATA DGR: International Air Transport Association, Dangerous Goods Regulations,.
- ICAO: International Civil Aviation Organization, Technical Instructions for the Safe Transport of Dangerous Goods by Air
- IMDG Code: International Maritime Dangerous Goods Code
- RID: International Statutory Order on the Conveyance of Dangerous Goods by Rail
- UN: United Nations Recommendations on the Transport of Dangerous Goods

Section 15 Regulatory information.

CAS Number	USA TSCA	EU EINECS	Canada DSL/NDL	AU AICS
12031-65-1	Listed	Not Listed	Not Listed	Not Listed
12190-79-3	Listed	Listed	DSL Listed	Listed
12057-17-9	Listed	Not Listed	Not Listed	Not Listed
24937-79-9	Listed	Not Listed	DSL Listed	Listed
7429-90-5	Listed	Listed	DSL Listed	Listed
7782-42-5	Listed	Listed	DSL Listed	Listed
9003-55-8	Listed	Listed	DSL Listed	Listed
9000-11-7	Listed	Listed	DSL Listed	Listed
7440-50-8	Listed	Listed	DSL Listed	Listed
7440-02-0	Listed	Listed	DSL Listed	Listed
21324-40-3	Listed	Listed	NDL Listed	Listed
9002-88-4	Listed	Not Listed	DSL Listed	Listed
24937-16-4	Not Listed	Listed	Not Listed	Listed

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.

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