

Section 1 Identification.

Product name:

Oz-Charge Lithium-ion Jumpstarter

Product code:

OC-SM750

Other means of identification: Not applicable.

Recommended use: Rechargeable lithium-ion battery jumpstarter

Output Rated: 12V, 300A

Output Max: 12V, 1000A

Watt hour (electric energy): 24Wh

Lithium Content: .225/kg

Manufacturer: Zylux Distribution Pty Ltd
166 Christmas St,
3078 Fairfield, Victoria, Australia

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

Information telephone number of the company: (03) 9482 2203

Section 2 Hazards identification.

Explosive risk: This article does not belong to the explosion dangerous goods.

Flammable risk: This article does not belong to the flammable material.

Oxidation risk: This article does not belong to the oxidation of dangerous goods.

Toxic risk: This article does not belong to the radiation of dangerous goods.

Mordant risk: This article does not belong to the corrosion of dangerous goods.

Other risk: This article is the Rechargeable Li-ion Battery, Watt hour rate 24Wh.



Section 3 Composition/information on ingredients.

Chemical Name	Molecular Formula	CAS Number	Concentration %
Lithium Cobalt Oxide	LiCoO ₂	12190-79-3	31.50
Polyvinylidene Fluoride (PVDF)	(C ₂ H ₂ F ₂) _n	24937-79-9	2.00
Aluminum	Al	7429-90-5	8.20
Lithium Hexafluorophosphate	LiPF ₆	21324-40-3	15.50
Copper	Cu	7440-50-8	17.10
Graphite	C	7782-42-5	16.00
Styrene-Butadiene Rubber	SBR	9000-11-7	0.40
Carboxymethyl Cellulose	C ₈ H ₁₅ NaO ₈	24937-79-9	0.30
Polyethylene	(C ₂ H ₄) _n	9002-88-4	8.00
Ethylene-Propylene-Diene Monomer (EPDM)		24937-16-4	1.00

Section 4 First aid measures.

Eye: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Remove contaminated clothes and rinse skin with plenty of water or shower for 15 minutes. Get medical aid.

Inhalation: Remove from exposure and move to fresh air immediately. Use oxygen if available.

Ingestion: Give at least 2 glasses of milk or water. Induce vomiting unless patient is unconscious. Call a physician.



Section 5 Firefighting measures.

Flash point: N/A

Auto-ignition temperature: N/A

Extinguishing media: Water, CO₂.

Special fire-fighting procedures: Self-contained breathing apparatus.

Unusual fire & explosion hazards: Cell may vent when subjected to excessive heat-exposing battery contents.

Hazardous combustion products: Carbon monoxide, carbon dioxide, lithium oxide fumes.

Section 6 Accidental release measures.

Steps to be taken in case material is released or spilled: If the battery material is released, remove personnel from area until fumes dissipate. Provide maximum ventilation to clear out hazardous gases. Wipe it up with a cloth, and dispose of it in a plastic bag and put into a steel can. The preferred response is to leave the area and allow the battery to cool and vapors to dissipate. Provide maximum ventilation. Avoid skin and eye contact or inhalation of vapors. Remove spilled liquid with absorbent and incinerate.

Waste disposal method: It is recommended to discharge the battery to the end, to use up the metal lithium inside the battery, and to bury the discharged battery in soil.

Section 7 Handling and storage.

The battery should not be opened, destroyed or incinerate, since they may leak or rupture and release to the environment the ingredients that they contain in the hermetically sealed container. Do not short circuit terminals, or over charge the battery, forced over-discharge, throw to fire. Do not crush or puncture the battery, or immerse in liquids.

Precautions to be taken in handling and storage: Avoid mechanical or electrical abuse. Store preferably in cool, dry and ventilated area, which is subject to little temperature change. Storage at high temperatures should be avoided. Do not place the battery near heating equipment, nor expose to direct sunlight for long periods.

Other precautions: The battery may explode or cause burns, if disassembled, crushed or exposed to fire or high temperatures. Do not short or install with incorrect polarity.



Section 8 Exposure controls/personal protection.

Respiratory protection: In case of battery venting, provide as much ventilation as possible. Avoid confined areas with venting cell cores. Respiratory protection is not necessary under conditions of normal use.

Ventilation: Not necessary under conditions of normal use.

Other protective clothing or equipment: Not necessary under conditions of normal use.

Use product where there is adequate ventilation.

Personal protection recommended for venting battery: Respiratory protection, protective gloves, protective clothing, and safety glasses with side shields.

Section 9 Physical and chemical data.

Appearance: Prismatic shape

Ref. no.: 17PNS06096 01001

Odour: 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 data.

Stability: Product is stable under conditions described in Section 7.

Incompatibility: Heat above 70°C or incinerate. Deform. Mutilate. Crush. Disassemble. Overcharge. Short circuit. Expose over a long period to humid conditions.

Materials to avoid: Oxidizing agents, alkalis, water.

Hazardous decomposition products: Toxic fumes, and may form peroxides.

Hazardous Polymerization: N/A.

If leaked, forbid contact with strong oxidizers, mineral acids, strong alkalies, halogenated hydrocarbons.

Section 11 Toxicological information.

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Signs & symptoms: None, unless battery ruptures.

In the event of exposure to internal contents, vapour 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 even of exposure to internal contents, moderate to server 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.

Environment fate: No known environmental hazards at present.

Section 13 Disposal considerations.

Disposal methods: Dispose of product in accordance with local, county, state and federal regulations.

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 less 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 battery

Air Shipments (IATA): PI 965 Section IB

Sea Shipments (IMO-IMDG): Special Provision 188

Europe Road (ADR): Special Provision 188

US Road (DOT): 173.185(c) A51, A54



Section 15 Regulatory information.

Law information.

Dangerous Goods Regulations

Recommendations on the Transport of Dangerous Goods Model Regulations

International Maritime Dangerous Goods

Technical Instructions for the Safe Transport of Dangerous Goods

Classification and code of dangerous goods

Occupational Safety and Health Act (OSHA)

Toxic Substance Control Act (TSCA)

Consumer Product Safety Act (FEPCA)

The Oil Pollution Act (OPA)

Superfund Amendments and Reauthorization Act Title III (302/311/312/313) (SARA)

Resource Conservation and Recovery Act (RCRA)

Safety Drinking Water Act (CWA)

California Proposition 65

Code of Federal Regulations (CFR)

In accordance with all Federal, State and local laws.

Section 16 Other information.

Prepared on: August 30, 2017

The product referenced herein is considered under “articles” and “consumer products” and therefore is excepted from the 29 CFR 1910.1200 Hazard Communication requirements. The European Classification and Labelling Regulation (EC) No 1272/2008 (CLP) and the Globally Harmonized System (GHS) of Classification and Labelling of Chemicals exempt articles from the Safety Data Sheet requirements. This Product Information Sheet is provided only as a service to our customers and is not based upon any requirement or regulation.

The information and recommendations above are believed to be accurate at the date of document preparation. The NOCO Company makes no warranty, express or implied, with respect to this information and assumes no liability resulting from its use. This SDS provides guidelines for safe use and handling of product. It does not, and cannot, advise all possible situations. All specific uses of this product must be evaluated by the end user to determine if additional safety precautions should be taken.

