

Are lithium ion batteries toxic?

LITHIUM-ION Polymer cells and batteries contain no toxic metals, only naturally occurring trace elements. It is advisable to consult with local authorities as disposal regulations may vary dependent on location. 8. Other Information The information contained herein is based on the data available to us and believed to be correct.

Are lithium polymer batteries recyclable?

USA: Lithium polymer batteries are classified by the federal government as non-hazardous waste and are safe for disposal in the normal municipal waste stream. These batteries, however, do contain recyclable materials and are accepted for recycling by the Rechargeable Battery Recycling Corporation's (RPBC) Battery Recycling Program.

What are the risks of a lithium battery?

Risk of exposure occurs only if the battery is mechanically or electrically abused. The most likely risk is acute exposure when a battery vents. A shorted lithium battery can cause thermal and chemical burns upon contact with the skin. May be a reproductive hazard. An acute exposure will not generally aggravate any medical condition.

Do lithium polymer batteries contain mercury?

Lithium polymer batteries do not contain heavy metals as defined by the European directives 2006/66/EC Article 21. Mercury has not been "intentionally introduced (as distinguished from mercury that may be incidentally present in other materials)" in the sense of the U.S.A. "Mercury-Containing and Rechargeable Battery Management Act" (May 13 1996).

Are lithium ion batteries class 9 dangerous goods?

Lithium ion batteries which have been transportation tested but have a possible stored energy of $>100\text{Wh}$ must be transported as Class 9 dangerous goods which impose strict packaging, labeling and documentation requirements on those shipping the product.

Are lithium batteries regulated by the International Maritime dangerous goods (IMDG)?

Shipping of lithium batteries by vessel are regulated by the International Maritime Dangerous Goods (IMDG).

LITHIUM POLYMER BATTERY SAFETY DATA SHEET



SECTION: 16. Other information The information and recommendations set forth are made in good faith and are believed to be accurate at the date of preparation. Venom makes no warranty expressed or implied with respect to this information.



Material Safety Data Sheet MSDS No.
CYBER-2015-01 Section 1 Chemical Product
and Company Identification Product name Lithium
Ion Polymer Battery(P/N:CYL-4867102-3S 11.1V
3400mA 37.74Wh CYL-603450 3.7V 1000mAh
3.7Wh) (Capacity rating 6000mAh, W a tt-hour
rating <100Wh) Manufacturer Cyber-Power
Electronic Corp.



Product name: Ansmann Li-Ion Battery; Ansmann
Li-Polymer Battery Type: Rechargeable Li-Ion
battery Models / types: Prismatic and round cells
Material - Safety - Data Sheet (MSDS) Ansmann
Lithium-Ion Batteries single cells and multi-cell
battery packs for. No.5 5/6 12. Ecological
Information

LITHIUM POLYMER BATTERY SAFETY DATA SHEET



Article Safety Data Sheet - Lithium Ion Polymer
Batteries: 2019-01-29 Page 1 of 13 Article Safety
Data Sheet - Lithium Ion/Polymer Batteries Edition
date: 29. January 2019 Version: 2019-01-29 Valid:
as from 01. January 2019 RENATA SA
Kreuzenstrasse 30 CH-4452 ITINGEN / Switzerland
Tel: +41 61 975 75 75 Fax: +41 61 975 75 95
Section I - Product



Safety Data Sheet 1. Identification of product and
company Information of Product Rechargeable
Lithium Ion / Polymer Battery Information of
Manufacturer Getac Technology Corp. Tel ? 1/4
?+886-2-27857888 5F., Building A, No. 209, Sec. 1,
Nangang Rd., ???



Safety Data Sheet Issue Date: 18-Jan-2016 Validity
Period: 20-Sep-2019 to 20-Sep-2020 Version 3
Product Name: BL3600F4634462S4PH6G Product
Description: Lithium-Ion Polymer Battery
7.4V@3600mAh; Samsung SDI ICP463446H
polymer cell 2S4P configuration; BQ27542 fuel
gauge; PTC; customer hard case enclosure with
molded AMP 578526-1 6 position

LITHIUM POLYMER BATTERY SAFETY DATA SHEET



Toro Flex Force Lithium Ion Battery (UN3481)
Safety Data Sheet according to OSHA HazCom
Standard (2012) requirements Issue Date:
07/05/2019 Print Date: 08/05/2019 L.GHS A.EN
SECTION 1 IDENTIFICATION Lithium ion batteries
packed with equipment including lithium ion polymer
batteries; Lithium ion batteries contained in
equipment



Safety Data Sheet (IPBT Safety Data Sheet
???LiPo MSDS ???S& A, Date of Issue:
1-January-2020) ----- 1. Identification of the Product
and of the Company undertaking [Product] 1.1
Product Name: IPBT Lithium-ion Polymer Battery
1.2 System: Rechargeable Lithium-ion Polymer
Battery [Company] 1.3 Company Name: Intellect
Battery Co., Ltd.



SDS Discover Lithium Battery LiFePO 4 Safety Data
Sheet REV K. 1.4 Emergency telephone number
Emergency phone: 1-800-535-5053 (Account#
84774) Weight of metallic lithium per cell: 0g. There
is no metallic lithium in the lithium polymer battery.
These chemicals are contained in a sealed can,
inside a sealed container. Risk of

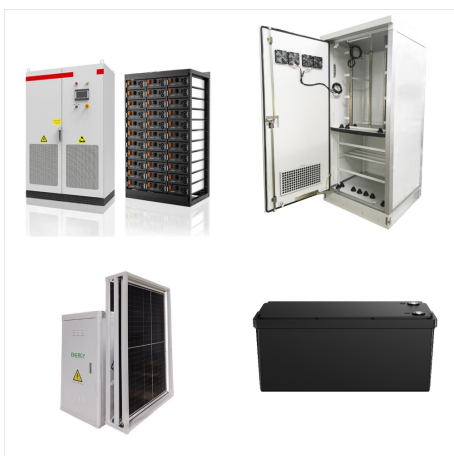
LITHIUM POLYMER BATTERY SAFETY DATA SHEET



MATERIAL SAFETY DATA SHEET Lithium Polymer
Rechargeable Battery Model: Lithium-ion Polymer
Battery Prepared by Tony Date? 1/4 ? Jan. 03,2021
Approved by KAYO Lithium-Ion Polymer
Cell/Battery Norminal Voltage? 1/4 ? 3.7 V
Equivalent Lithium content ? 1/4 ????100 Wh
Testing Period ? 1/4 ? Jan, 02,2021 To Jan
.03,2021



Safety Data Sheet . Lithium-Ion Rechargeable
Battery Pack . BL1840B . Complies with the OSHA
Hazard . Communication Standard: 29 CFR 1910
1200 . Packing Instruction 965 (Lithium-ion or
lithium polymer cells and batteries without electronic
equipment) With effect April 1, 2016: Lithium-ion
cells and batteries must be offered for transport at



Article Information Sheet/Safety Data Sheet Page 4
of 6 Lithium Ion Batteries (C)2022 Energizer .
MATERIAL OR INGREDIENT PEL (OSHA) TLV
(ACGIH) %/wt. Lithium Cobalt Nickel Dioxide
12031-55-1; 12031-65-1 None established <25
Steel --- None established 15-30 Lithiated
Manganese Dioxide 12057-17-9 5.0 mg/m3 (Mn)
<25

LITHIUM POLYMER BATTERY SAFETY DATA SHEET



UN3480 Lithium-ion batteries; UN3481 Lithium-ion batteries packed with or contained in equipment; Class 9. Milwaukee Lithium-ion batteries are to be shipped in compliance with relevant requirements of TDG "Part 2" (Section 2.43),



SAFETY DATA SHEET PRODUCT IDENTIFICATION Product Name: Rechargeable Li-ion Battery Pack Under normal operating condition, contents of the cells are in sealed (polymer pouch/metal can or cylinder) condition and pose no threat to the user. DOT: Refer to Attachment ERG 2016 guide 147 (Lithium Ion battery Guide) IMDG: Refer to IMDG/Ocean



E-MAIL:grepow@china Date? 1/4 Aug 05,2015 Report No:GRP201508005 Page 1 of 11 Safety Data Sheets (SDSs) Client SHENZHEN GREPOW BATTERY CO.,LTD Add. of Client Wushigang,Chuangyi Rd.,Longhua Village,Bao An District,Shenzhen,P.R in a Description Rechargeable Lithium Polymer Battery Model /Type

LITHIUM POLYMER BATTERY SAFETY DATA SHEET



MATERIAL SAFETY DATA SHEET KOKAM
SUPERIOR LITHIUM POLYMER BATTERIES Date:
2009-06-11 Page 2 MSDS Kokam Lithium Polymer
PSE (R) Lithium Cobalt Manganese Nickel
Oxide(LiMnNiCoO₂) 182442-95-1 Co 0.2mg/m³ as
Mn 0.2mg/m³ as Ni Carbon(Graphite, Proprietary)
7782-42-5 15-35 2mg/m³ (R) PVDF(Polyvinylidene
Fluoride) 24937-79-9 <8



LITHIUM ION BATTERY PACK SDS Version 5 ???
March 22, 2019 PAGE 1 OF 13 SAFETY DATA
SHEET . Prepared to U.S. OSHA, CMA, ANSI,
Canadian WHMIS 2015 (HPR-GHS), European
Union CLP EC 1272/2008, REACH, Australian
WorkSafe, the Japanese Industrial Standard JIS
Z7253, a Polymer 6-933 Listed KE-10546 May be
used as a single component chemical ???

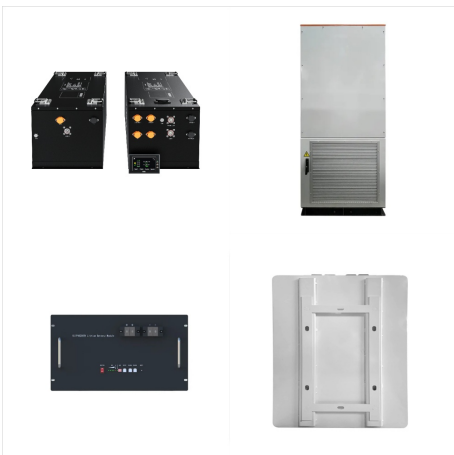


Safety Data Sheet Lithium-Ion Rechargeable
Battery Pack BL1830B Complies with the OSHA
Hazard Communication Standard: 29 CFR 1910
1200 Makita U.S.A., Inc. Prepared By: Stan
Rodrigues 14930-C Northam Street La Mirada, CA
90638 Date Revised: 02/23/2022 EMERGENCY
CONTACT INFORMATION Telephone Number for
Information: MAKITA: 1-510 ???

LITHIUM POLYMER BATTERY SAFETY DATA SHEET



The intent of this guideline is to provide users of lithium-ion (Li-ion) and lithium polymer (LiPo) cells and battery packs with enough information to safely handle. Obtain and review the battery manufacturer's Safety Data Sheet (SDS), Technical Specification sheet(s) and/or other documents available.



SAFETY DATA SHEET Lithium -ionand Polymer Batteries (Li Batteries) 18 -Jun 2023 Revision date: 18-Jun-2023 Supersedes date: 31-Jan-2022 Recommended use of the chemical and restrictions on use Recommended use Restrictions on use Lithium ion battery. None known. Details of manufacturer or importer Company name Motorola Solutions Australia Pty Ltd



Lithium-ion and Lithium-ion Polymer Batteries (Li-ion Batteries) Revision date: 18-Jun-2023 Issue 1 date: 18-Jun-2023 Supersedes date: 31-Jan-2022 SDS US / 10 SAFETY DATA SHEET 1. Identification Product identifier clothing as described in Section 8 of this safety data sheet. Leak from a damaged or opened battery: Contain spillage with sand

LITHIUM POLYMER BATTERY SAFETY DATA SHEET



Article Safety Data Sheet - Lithium Ion Polymer Batteries: 2019-12-01 Page 1 of 13 Article Safety Data Sheet - Lithium Ion/Polymer Batteries . Edition date: 01. December 2019 Version: 2019-12-01 Valid: as from 01. January 2020 . RENATA SA . Kreuzenstrasse 30 . CH-4452 ITINGEN / Switzerland . Tel: +41 61 975 75 75 . Fax: +41 61 975 75 95



Material Safety Data Sheet MSDS 2.001.001 Page no.: 1 of 5 Edition: 14.01.2010 Version: 03 Electronically generated document - no signature required. Product details Trade name: Lithium polymer battery Voltage: 3.7 V (or multiples of this in case of multi-cell configurations) Electrochemical system: Lithium ion Anode (negative): Graphite



Safety Data Sheet Regulation : In accordance with Regulation (EU) 2015/830 (REACH), Annex II, and OSHA 29 CFR Battery-System: Lithium-ion (Li-ion) Nominal Voltage: 3.65 V Rated Capacity: 2.85 Ah polymer with 1,4-cyclohexanedimethanol and 1,2-ethanediol

LITHIUM POLYMER BATTERY SAFETY DATA SHEET



Safety Data Sheet 1. Identification Product

Identifier: LITHIUM ION BATTERIES and LITHIUM ION POLYMER BATTERIES Common Name:

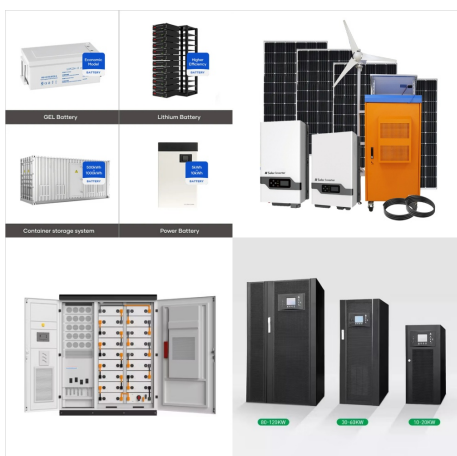
Lithium Ion Batteries and Lithium Ion Polymer

Batteries Synonyms: Li-Ion Batteries, Li-Ion

Secondary Batteries, Li-Ion Rechargeable Batteries

Recommended Use: Energy source for electronic

device Manufacturer: Motorola ???



TCL LITHIUM ION POLYMER BATTERY SAFETY
DATA SHEET Document Number? 1/4 ?TCL-1020

Revision? 1/4 ?02 1 / 7 Section1-Chemical Product

and Company Identification? 1/4 ?? 1/4 ? IDENTITY

(As Used on Label and List) Cell Model No:

PR-451563 Product Name: Secondary (

Rechargeable