Declaration

BARTEC

BARTEC GmbH · Max-Eyth-Straße 16 · 97980 Bad Mergentheim · Germany

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Germany

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info@bartec.de
www.bartec-group.com

Herewith we, BARTEC GmbH, declare

that we use type no. 17-A1Z0-0001 as battery pack for MC 92N0^{ex}-IS series type numbers 17-A1Ax-xxxx/xxxxxxxx.
The battery pack includes two rechargeable Lithium Ion battery cells:

Battery pack revision:	Manufacturer of cell	Configuration S = serial p= parallel	Battery pack	
			Manufactured by	Assembled by
2400 mAh	Sanyo Electric Co., Ltd.	2S1P	Enertech	BARTEC
2800 mAh	Panasonic	2S1P	Inventus	BARTEC

Battery packs related to product:
MC92N0^{ex}-IS series (type no.'s 17-A1Ax-xxxx/xxxxxxxx).

Revision with 2800 mAh - new	
Type number:	**17-A1Z0-0001**
Valid for batteries with serial number starting with 50000. Battery is released on 25th September 2018.	
SAP:	239503
	(Battery for ATEX/IECEx certified MC 92N0^{ex} series)
Technical data: (Nominal)	Lithium Ion Battery 7.2 V / 2800 mAh / 20.16 Wh
Weight:	approx. 0.137 kg
Dimension:	75 x 49 x 25 mm
UN 38.3 Test Report:	Passed
Proper Shipping Name:	Lithium Ion Batteries
Class:	9
UN Classification 3480:	Shipping of Lithium ion batteries (limited to a maximum of 30% SoC) Shipping of single batteries without equipment.
UN Classification 3481:	Shipping of Lithium ion batteries: "packed with equipment" or "contained in equipment"

Related to this declaration is following documentation:

- Inventus Safety Datasheet for product model number: 17-A1Z0-0001
  File Number: SDS_6919_TJ_R00 Date:2018-06-07

BARTEC GmbH
Max-Eyth-Straße 16
97980 Bad Mergentheim

District court: Ulm HRB 723429
Tax No.: 52001/09044
VAT No.: DE 262 57 03 04

Bank details
Sparkasse Tauberfranken
SWIFT:
SOLADES1TBB
IBAN/EUR:
DE97 6735 2565 0000 0226 99
IBAN/USD:
DE23 6735 2565 0070 6247 05

Management Board
Dr. Martin Schefter (CEO)
Gerhard Bickmann (CFO)
Dr. Jörg Dalhöfer (COO)
Xavier Hamer (CCO)

Declaration

BARTEC

Revision with 2400 mAh – old	
Type number:	**17-A1Z0-0001**
Valid for batteries with serial number 49999 or below. Battery revision (2400 mAh) is EOL since 24th September 2018 and replaced with version with 2800 mAh.	
SAP:	239503
	(Battery for UL Division 1 certified MC 92N0ex series) (Built from battery pack type 03-9920-0021 (UL))
Technical data:	Lithium Ion Battery 7.4 V / 2400 mAh / 17.76 Wh
Weight:	approx. 0.135 kg
Dimension:	75 x 49 x 25 mm
UN 38.3 Test Report:	Passed
Proper Shipping Name:	Lithium Ion Batteries
Class:	9
UN Classification 3480:	Shipping of Lithium ion batteries (limited to a maximum of 30% SoC) Shipping of single batteries without equipment.
UN Classification 3481:	Shipping of Lithium ion batteries: "packed with equipment" or "contained in equipment"

Related to this declaration is following documentation:

- Sanyo Electric Co., Ltd. safety datasheet for product
  (Sanyo reference number: SDS-IBT-00026, date: Dec. 15th, 2015)
- Enertech Declaration of Non-Use of Mercury_ATEX&UL_140507
  (sign date May. 07th, 2014)

Bad Mergentheim, February, 11th 2019

BARTEC GmbH

i. A.

Sarah Springer

Junior Product Manager Enterprise Mobility

Type number:

- 17-A1Z0-0001 Revision 2800 mAh

Inventus Safety Datasheet

for product model number: 17-A1Z0-0001

File Number: SDS_6919_TJ_R00

Date:2018-06-07

File Number: SDS_6919_TJ_R00
Date:2018-06-07

SAFETY DATA SHEET

Section 1 -- Product and Company Identification

PRODUCT IDENTIFICATION

Product Name: Lithium Ion Batteries

Product Model No.: 17-A1Z0-0001

COMPANY NAME:

Inventus Power, Inc.

1200 Internationale Parkway, Woodridge IL 60517

Telephone number: 630-410-7900

Fax number: 630-410-7990

Emergency telephone number: [Weekday] 630-410-7900

MANUFACTURER:

Inventus Power Mexico, S.A. DE C.V.

Calle Guerrero Negro 9985 Parque Industrial Pacífico, C.P. 22643 Tijuana, Baja California Mexico

Telephone number: +52 664 231 4832

Section 2 -- Composition / Information on Ingredients

Lithium-Ion Single Cell Matrix

Manufacturer of Cell	Cell Model	Type (lithium Ion or polymer)	Voltage(V)	Capacity (Ah)	Cd/Hg/Pb (Yes/No)
Panasonic	NCR18650PF	Li Ion	3.6	2.9	No

Battery Product Matrix

Inventus Power P/N	Customer P/N	Pack Configuration	Pack Nominal Voltage V	Pack Nominal Capacity (Ah)	Pack Energy (Wh)
--	--	2S1P	7.2	2.8	20.16

Chemical Composition:

Component	Material	Formula	CAS Number	Percentage range (wt %)
Positive Electrode	Lithium transition metal oxidate	$Li[M]_m[O]_n*2$	--	20~60
Positive electrode's base	Aluminum	Al	7429-90-5	1~10
Negative Electrode	Carbon	C	7440-44-0	10~30
Negative electrode's base	Copper	Cu	7440-50-8	1~15
Electrolyte	Organic electrolyte principally involves ester carbonate	--	--	5~25
Outer case	Aluminum, iron, aluminum laminated plastic	--	--	1~30

Section 3 -- Hazards Identification

Under normal usage, there is no contact with electrolyte and no hazard exists.

If exposed to high temperature or fire, cell may leak electrolyte and in extreme cases explode. The vented gas may contain among others Hydrogen Fluoride.

Section 4 -- First Aid

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.
Exposure to the cell internal content happens under abusive conditions.

Inhalation: Contents of open battery may cause respiratory irritation. Move to fresh air immediately and seek medical attention.
Skin: Contents of open battery may cause skin irritation. Wash skin with copious amount of soap and water.
Eye: Contents of open battery may cause eye irritation. Flush eyes immediately with water for at least 15 minutes and seek medical attention.
Ingestion: Seek medical attention immediately. Induce vomiting.

Section 5 -- Fire Fighting

In case of Fire use CO_2 or CLASS D fire extinguisher
In case battery burns with other combustible, use corresponding fire extinguisher.
Corrosive fumes may be present during fire. Use protective equipment (gloves, breathing apparatus, goggles etc.)
Gases from the burning fire will include Hydrogen Fluoride, Carbon oxides, Hydrocarbons among others.

Section 6 -- Accidental Release

Battery material is enclosed in either metal casing or in laminate and does not release easily under normal usage. Under abuse condition such as puncture, high heat exposure, electrical abuse electrolyte containing vinyl chloride salt in organic solvent may leak out. See section 4 for first aid measure. Seek medical attention.

Section 7 -- Instructions on Safe Handing and Use

Storage: Store within the recommended temperature limit of the battery (read instruction manual for specific limits). Do not expose to high temperature (60 ^{o}C/140 ^{o}F).

Avoid short circuit of the battery. Short circuit of the battery may cause release of gas and may pose burn hazard.

Handling: Do not disassemble, crush or otherwise abuse the battery. Do not open the battery.

Charge: Charge only with dedicated/specific chargers designed for this battery

Discharge: Discharge within the temperature limits of the battery detailed in the specification.

Disposal: Dispose/Recycle according to the applicable municipal, state and federal regulations. Do not dispose in household or commercial waste bin.

Caution: This battery when abused may pose fire, explosion and severe burn hazard. Handle with caution.

Section 8 -- Exposure Control and Special Protection Information

・Control parameters

Common chemical name / General name	ACGIH (2009)	
	TLV-TWA	BEI
Lithium transition metal oxidate	0.02mg/m^3 (as cobalt) * 0.2mg/m^3 (as manganese) * 0.2 mg/m^3 (as nickel) *	-
Aluminum	10mg/m^3 (metal coarse particulate) 5mg/m^3 (inflammable powder) 5mg/m^3 (weld fume)	-
Carbon (Natural graphite) (Artificial graphite)	2mg/m^3 (inhalant coarse particulate)	-
Copper	0.2mg/m^3 (fume) 1.0mg/m^3 (a coarse particulate, Mist)	-
Organic electrolyte	-	-

ACGIH: American Conference of Governmental Industrial Hygienists, Inc.
TLV-TWA: Threshold Limit Value-Time Weighted Average concentration
BEI: Biological Exposure Indices

Eye Protection, gloves, ventilation, are not needed under normal usage

Use safety goggles, acid resistant safety gloves, air mask if exposed to internal content of the cell/battery.

Section 9 -- Physical and Chemical Properties

Appearance: Solid

Form Factor: Mostly cylindrical

Odor: N/A

PH: N/A

Flash Point: N/A

Density: N/A

Solubility: Insoluble in Water

Section 10 -- Stability and Reactivity

Not reactive under normal condition of usage.

Note safe handling procedure.

Avoid high temperature and mechanical abuse.

Read label and manufacturer instruction before usage.

Section 11 -- Toxicological Effect

Acute Toxicity:

Not known for Lithium Cobaltate, Aluminum, and Graphite.

Copper causes gastrointestinal disturbance in 60-100mg sized coarse particulate.

TDLo- Rabbit 375mg/kg

Organic electrolyte LD50, oral - -Rat 2000mg/kg or more

Local Effects:

Not known for Lithium Cobaltate, Graphite and Organic Electrolyte.

Aluminum has no known local effects.

Copper in coarse particulate is eye irritant

No known carcinogen in this product.

Section 12 -- Ecological Information

Battery is not biodegradable. Do not dispose in landfill.

Section 13 -- Disposal Information

Dispose/Recycle according to the applicable municipal, state and federal regulations.
Do not dispose in household or commercial waste bin.

Section 14 -- Transportation Information

Battery Pack
Proper Shipping Name: Lithium Ion Batteries.
The UN number for the battery pack is UN3480, and it also can be UN3481 when the battery pack contained in the equipment or packed with the equipment.
The battery meets the requirements of the test in the United Nations (UN) Manual of Tests and Criteria, Part III, sub-section 38.3
DOT: Refer to Attachment ERG 2012 guide 147 (Lithium Ion battery Guide)
IMDG: Refer to IMDG/Ocean Transport ENS F-A, S-I
IATA: Refer to IATA-ICAO/Air Transport ERG CODE 9F
When large amount of batteries is transported by ship, vehicle and railroad, avoid high temperature and dew condensation.
Avoid transportation which may cause damage of package.

Section 15 -- Regulatory Information

The transport of rechargeable lithium-ion batteries is regulated by various bodies, (IATA, IMO, US-DOT)
That follow the United Nations “Recommendations on the Transport of Dangerous Goods.
Regulations specifically applicable to the product:
ICAO 2017/2018 Edition of ICAO Technical Instructions for the Safety Transport of Dangerous Goods by Air

IMO IMDG Amendment 38-16 2016 Edition. And the battery pack complies with the special provision 188 of the IMDG CODE.

IATA 59th Edition (2018) of the IATA Dangerous Goods Regulations (DGR)

US Department of Transportation DOT (49 CFR 100-185), (USA)

OSHA hazard communication standard (29 CFR 1910.1200)

_____ Hazardous __V__ Non-Hazardous

The battery meets the requirements of Packing Instructions 965,

Section II and section IB of the IATA regulation.

Section 16 -- Other Information

The information contained in this Safety data sheet is based on the present state of knowledge and current legislation.

This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Attachment(s)

ERG 2012 Guide 147 (Lithium Ion battery Guide)

GUIDE 147 LITHIUM ION BATTERIES ERG2012

POTENTIAL HAZARDS

FIRE OR EXPLOSION

- Lithium ion batteries contain flammable liquid electrolyte that may vent, ignite and produce sparks when subjected to high temperatures (> 150 °C (302 °F)), when damaged or abused (e.g., mechanical damage or electrical overcharging).
- May burn rapidly with flare-burning effect.
- May ignite other batteries in close proximity.

HEALTH

- Contact with battery electrolyte may be irritating to skin, eyes and mucous membranes.
- Fire will produce irritating, corrosive and/or toxic gases.
- Burning batteries may produce toxic hydrogen fluoride gas (see GUIDE 125).
- Fumes may cause dizziness or suffocation.

PUBLIC SAFETY

- **CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.**
- As an immediate precautionary measure, isolate spill or leak area for at least 25 meters (75 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION

Large Spill

- Consider initial downwind evacuation for at least 100 meters (330 feet).

Fire

- If rail car or trailer is involved in a fire, ISOLATE for 500 meters (1/3 mile) in all directions; also initiate evacuation including emergency responders for 500 meters (1/3 mile) in all directions.

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EMERGENCY RESPONSE

FIRE

Small Fire

- Dry chemical, CO_2, water spray or regular foam.

Large Fire

- Water spray, fog or regular foam.
- Move containers from fire area if you can do it without risk.

SPILL OR LEAK

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- Do not touch or walk through spilled material.
- Absorb with earth, sand or other non-combustible material.
- Leaking batteries and contaminated absorbent material should be placed in metal containers.

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Type number:

- 17-A1Z0-0001 Revision 2400 mAh

Sanyo Electric Co., Ltd. safety datasheet for product

(Sanyo reference number: SDS-IBT-00026, date: Dec. 15th, 2015)

Safety data sheet for product

1. PRODUCT AND COMPANY IDENTIFICATION

- Product name: Lithium ion rechargeable battery cell
- Product code: None
  (All models Sanyo manufactured and whose capacity is less than or equal to 5.4Ah, including the cell branded as Panasonic, excluding the cell whose shape is prismatic and two or more side of short / middle / long side excess 12mm/85mm/110mm.)
- Company name: Sanyo Electric Co., Ltd., Panasonic group
- Address: 222-1 , Kaminaizen, Sumoto City, Hyogo, Japan
- Telephone number: +81-799-24-4111
- Fax number: +81-799-23-2879
- Emergency telephone number: [Weekday] +81-799-23-3931 [Night and holiday] +81-799-24-4131

2. HAZARDS IDENTIFICATION

For the battery cell, chemical materials are stored in a hermetically sealed metal or metal laminated plastic case, designed to withstand temperatures and pressures encountered during normal use. As a result, during normal use, there is no physical danger of ignition or explosion and chemical danger of hazardous materials' leakage.

However, if exposed to a fire, added mechanical shocks, decomposed, added electric stress by miss-use, the gas release vent will be operated. The battery cell case will be breached at the extreme, hazardous materials may be released.

Moreover, if heated strongly by the surrounding fire, acrid gas may be emitted.

- GHS classification: Not available
  (This product is outside the scope of GHS system since it's considered as an "article".)

- Most important hazard and effects
  Human health effects:
  Inhalation: The steam of the electrolyte has an anesthesia action and stimulates a respiratory tract.
  Skin contact: The steam of the electrolyte stimulates a skin. The electrolyte skin contact causes a sore and stimulation on the skin.
  Eye contact: The steam of the electrolyte stimulates eyes. The electrolyte eye contact causes a sore and stimulation on the eye. Especially, substance that causes a strong inflammation of the eyes is contained.
  Environmental effects: Since a battery cell remains in the environment, do not throw out it into the environment.

- Specific hazards:
  If the electrolyte contacts with water, it will generate detrimental hydrogen fluoride.
  Since the leaked electrolyte is inflammable liquid, do not bring close to fire.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Substance or preparation: Preparation
- Information about the chemical nature of product: *1

Portion	Material name	Concentration range (wt %)
Positive electrode	Lithium transition metal oxidate ($Li[M]_m[O]_n$ *2)	20~60
Positive electrode's base	Aluminum	1~10
Negative electrode	Carbon	10~30
Negative electrode's base	Copper	1~15
Electrolyte	Organic electrolyte principally involves ester carbonate	5~25
Outer case	Aluminum, iron, aluminum laminated plastic	1~30

**1 Not every product includes all of these materials.*

**2 The letter M means transition metal and candidates of M are Co, Mn, Ni and Al. One compound includes one or more of these metals and one product includes one or more of the compounds. The letter m and n means the number of atoms.*

4. FIRST-AID MEASURES

Spilled internal cell materials

- Inhalation:
  Make the victim blow his/her nose, gargle. Seek medical attention if necessary.
- Skin contact:
  Remove contaminated clothes and shoes immediately. Wash extraneous matter or contact region with soap and plenty of water immediately.
- Eye contact:
  Do not rub one's eyes. Immediately flush eyes with water continuously for at least 15 minutes. Seek medical attention immediately.

A battery cell and spilled internal cell materials

- Ingestion:
  Make the victim vomit. When it is impossible or the feeling is not well after vomiting, seek medical attention.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media: Plenty of water, carbon dioxide gas, nitrogen gas, chemical powder fire extinguishing medium and fire foam.
- Specific hazards: Corrosive gas may be emitted during fire.
- Specific methods of fire-fighting: When the battery burns with other combustibles simultaneously, take fire-extinguishing method which correspond to the combustibles. Extinguish a fire from the windward as much as possible.
- Special protective equipment for firefighters:
  Respiratory protection: Respiratory equipment of a gas cylinder style or protection-against-dust mask
  Hand protection: Protective gloves
  Eye protection: Goggle or protective glasses designed to protect against liquid splashes
  Skin and body protection: Protective cloth

6. ACCIDENTAL RELEASE MEASURES

Spilled internal cell materials, such as electrolyte leaked from a battery cell, are carefully dealt with according to the followings.

- Precautions for human body:
  Remove spilled materials with protective equipment (protective glasses and protective gloves). Do not inhale the gas as much as possible. Moreover, avoid touching with as much as possible.
- Environmental precautions: Do not throw out into the environment.
- Method of cleaning up: The spilled solids are put into a container. The leaked place is wiped off with dry cloth.
- Prevention of secondary hazards: Avoid re-scattering. Do not bring the collected materials close to fire.

7. HANDLING AND STORAGE

- Handling suggestions
  - Do not connect the positive terminal to the negative terminal with electrical wire or chain.
  - Avoid polarity reverse connection when installing the battery to an instrument.
  - Do not wet the battery with water, seawater, drink or acid; or expose to strong oxidizer.
  - Do not damage or remove the external tube.
  - Keep the battery away from heat and fire.
  - Do not disassemble or reconstruct the battery; or solder the battery directly.
  - Do not give a mechanical shock or deform.
  - Do not use unauthorized charger or other charging method. Terminate charging when the charging process doesn't end within specified time.
- Storage
  - Do not store the battery with metalware, water, seawater, strong acid or strong oxidizer.
  - Make the charge amount 30~50% then store at room temperature or less (temperature= -20~35 degree C) in a dry (humidity: 45~85%) place. Avoid direct sunlight, high temperature, and high humidity.
  - Use insulative and adequately strong packaging material to prevent short circuit between positive and negative terminal when the packaging breaks during normal handling. Do not use conductive or easy to break packaging material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (WHEN THE ELECTROLYTE LEAKS)

- Control parameters
  ACGIH has not been mentioned control parameter of electrolyte.
- Personal protective equipment
  Respiratory protection: Respirator with air cylinder, dust mask
  Hand protection: Protective gloves
  Eye protection: Goggles or protective glasses designed to protect against liquid splashes
  Skin and body protection: Working clothes with long sleeve and long trousers

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance
  Physical state: Solid
  Form: Cylindrical or Prismatic or Pouch (laminated)
  Color: Metallic color or black(without tube if it has tube)
  Odor: No odor

10. STABILITY AND REACTIVITY

- Stability: Stable under normal use
- Hazardous reactions occurring under specific conditions
  - Conditions to avoid: When a battery cell is exposed to an external short-circuit, crushes, deformation, high temperature above 100 degree C, it will be the cause of heat generation and ignition. Direct sunlight and high humidity.
  - Materials to avoid: Conductive materials, water, seawater, strong oxidizers and strong acids.
  - Hazardous decomposition products: Acrid or harmful gas is emitted during fire.

11. TOXICOLOGICAL INFORMATION

Organic Electrolyte

- Acute toxicity:
  LD_{50}, oral - Rat 2,000mg/kg or more
- Irritating nature: Irritative to skin and eye

12. ECOLOGICAL INFORMATION

- Persistence/degradability:
  Since a battery cell and the internal materials remain in the environment, do not bury or throw out into the environment.

13. DISPOSAL CONSIDERATIONS

・Recommended methods for safe and environmentally preferred disposal:

Product (waste from residues)

Specified collection or disposal of lithium ion battery is required by the law like as "battery control law" in several nations. Collection or recycle of the battery is mainly imposed on battery's manufacturer or importer in the nations recycle is required.

Contaminated packaging

Neither a container nor packing is contaminated during normal use. When internal materials leaked from a battery cell contaminates, dispose as industrial wastes subject to special control.

14. TRANSPORT INFORMATION

In the case of transportation, avoid exposure to high temperature and prevent the formation of any condensation. Take in a cargo of them without falling, dropping and breakage. Prevent collapse of cargo piles and wet by rain. The container must be handled carefully. Do not give shocks that result in a mark of hitting on a cell. Please refer to Section 7-HANDLING AND STORAGE also.

UN regulation

・UN number: 3480 (3481 when the battery is contained in equipment or packed with equipment)
・Proper shipping name:
Lithium ion batteries (“lithium ion batteries contained in equipment” or “lithium ion batteries packed with equipment”)
・Class: 9 *

** Although this product meets the criteria of “dangerous goods” and are classified as “lithium ion batteries”, depending on the battery’s total capacity in the packaging, etc., they may not be subject to the fully regulated provisions.*

Regulation depends on region and transportation mode

・Worldwide - Air transportation:
ICAO/IATA-DGR [packing instruction 965 section IB or II]
(When shipping batteries “packed with” or “contained in” equipment, use packing instruction 966 or 967 as appropriate.)
・Worldwide - Ocean transportation:
IMO-IMDG Code [special provision 188]
・Europe - Ground transportation:
ADR [special provision 188]

** Instructions or provisions in the box brackets are conditions to make the battery cell exempted from full regulation.*

15. REGULATORY INFORMATION

・Regulations specifically applicable to the product:
Wastes Disposal and Public Cleaning Law [Japan]
Law for Promotion of Effective Utilization of resources [Japan]
US Department of Transportation 49 Code of Federal Regulations [USA]

** About overlapping regulations, please refer to Section 14-TRANSPORT INFOMATION.*

16. OTHER INFORMATION

- This safety data sheet is offered an agency who handles this product to handle it safely.
- The agency should utilize this safety data sheet effectively (put it up, educate person in charge) and take proper measures.
- ***The information contained in this Safety data sheet is based on the present state of knowledge and current legislation.***
- This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Reference

Dangerous Goods Regulations – 57th Edition Effective 1 January 2016: International Air Transport Association (IATA)
IMDG Code – 2014 Edition: International Maritime Organization (IMO)
The European Agreement concerning the International Carriage of Dangerous Goods by Road – 2015: The United Nations Economic Commission for Europe (UNECE)

First edition: Apr. 28, 2010
Prepared and approved by: Technology Planning Department
Rechargeable Battery Business Division
Sanyo Electric Co., Ltd.
Panasonic group

Type number:

- 17-A1Z0-0001 Revision 2400 mAh

Enertech Declaration of Non-Use of Mercury_ATEX&UL_140507
(sign date May. 07th, 2014)

Declaration of Non-Use of Mercury

To : Bartec GmbH
From : Enertech International, Inc. ("Company")

The Company hereby declares that the Company's products that are delivered to 'Bartec GmbH' do not contain Mercury.
We certify that these packs meet the environment regulations in the People's Republic of China for battery products.

- Product Type : Li-ion Rechargeable Battery Pack
- Part No : 03-9920-0020(ATEX) & 03-9920-0021(UL)
- Country of Origin : South Korea
- Manufacturer : Enertech International,Inc.

The undersigned is an authorized representative of the Company.

Signature :

Name : Tae-Hee Yoon
Position : Representative Director
Sign Date : May, 07 2014
Company Address : 710-3, Yongtan-Dong, Chungju-City, Chungbuk, Korea, 380-250