Technical Data Sheet

Ryobi Lithium-Ion Battery Pack
Battery Voltage: 40V
Battery Capacity: 8Ah / 288Wh

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Lithium-Ion Battery — Rechargeable

Model Number: OP40804
Issue Date: March 2022

TTI Outdoor Power Equipment, Inc.
P.O. Box 1288
Anderson, SC 29622

Company Phone Number: 1-800-525-2579

Emergency Contact Number:
Chemtrec (United States only): 1-800-424-9300
(International): +1-703-741-5970

SECTION 2: HAZARDS IDENTIFICATION

Refer to battery cell SDS for more information.

No exposure to hazards during routine handling of product.

⚠ WARNING:

- To reduce the risk of injury, user must read operator's manual.
- Risk of fire and burns.
- Do not open, crush, heat above 50˚C, incinerate, or short terminals.
- Follow manufacturer's instructions.
- Use only with charger listed in operator's manual.
- Remove battery from tool when storing, changing attachments, or making adjustments.
- To reduce the risk of explosion and possible injury, do not place battery near fire or heat.
- Do not crush, drop, or damage battery pack.
- Do not use a battery pack that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- Under extreme usage or temperature conditions, battery leakage may occur. If fluid comes in contact with your skin, wash immediately with soap and water. If fluid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention. Following this rule will reduce the risk of serious personal injury.
- Battery cells and battery pack assembly will burn if incinerated.

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS

Refer to battery cell SDS for more information.

SECTION 4: FIRST AID MEASURES

Refer to battery cell SDS for more information.

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- Battery cells and battery pack assembly will burn if incinerated.
- No exposure during routine handling of product. Risk of exposure occurs only if the battery is mechanically or electrically abused.
- No effect under routine handling and use to eyes, skin, or if inhaled. Ingestion is not likely, given the physical size and state of the cell. If swallowed, seek medical attention immediately.
- If exposure to internal materials within cell due to damaged outer casing, the following actions are recommended:

EYE CONTACT:

Flush with water for 10 minutes without rubbing and immediately seek medical attention.

SKIN CONTACT:

Wash area immediately with soap and water. If irritation continues, seek medical attention.

INHALATION:

Leave area immediately, move to fresh air, and seek medical attention.

INGESTION:

If swallowed, contact POISON CONTROL CENTER immediately.

SECTION 5: FIRE FIGHTING MEASURES

Refer to battery cell SDS for more information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

- Use standard industrial clothing in normal use.
- If handling large containers of cells, wear steel-toed footwear.

ENVIRONMENTAL PRECAUTIONS:

No special precautions necessary.

METHODS FOR CONTAINMENT:

- Transport container outdoors.
- Always consult and obey all international, federal, and local environmental laws.

METHODS FOR CLEANUP:

No data available

OTHER INFORMATION:

No data available

SECTION 7: HANDLING AND STORAGE

HANDLING:

- Use only approved charging equipment.
- Do not disassemble battery or battery pack.
- Do not puncture, crush, or dispose of in fire.

STORAGE:

To obtain the longest possible battery life, we suggest the following:

- Remove the battery pack from the charger once it is fully charged and ready for use.

For battery pack storage longer than 30 days:

- Store the battery pack where the temperature is below 80°f and away from moisture.
- Store battery packs in a 30%-50% charged condition.
- Every six months of storage, charge the pack as normal.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Refer to battery cell SDS for more information.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Battery pack consists of battery cells assembled in resin enclosure and is a solid odorless product that will burn if incinerated.

SECTION 10: STABILITY AND REACTIVITY

Refer to battery cell SDS for more information.

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SECTION 11: TOXICOLOGY INFORMATION

Refer to battery cell SDS for more information.

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SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

None in routine handling of product.

TOXICITY:

No data available

PERSISTENCE AND DEGRADABILITY (BIOPERSISTENCY & BIODEGRADABILITY):

None in routine handling of product.

POTENTIAL OF BIOACCUMULATION:

None in routine handling of product.

MOBILITY IN SOIL:

None in routine handling of product.

OTHER ADVERSE EFFECTS:

No data available

DISPOSAL:

Follow guidelines in Section 13.

SECTION 13: DISPOSAL CONSIDERATIONS

This product contains Lithium-ion batteries. Local, state or federal laws may prohibit disposal of batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.

DISPOSAL:

- Dispose in accordance with appropriate regulations.
- Always consult and obey all international, federal, provincial/state, and local hazardous waste disposal laws. Some jurisdictions require recycling of this spent product. Battery recycling is encouraged.
- Lithium-ion batteries are safe for disposal in the normal municipal waste stream since they are not defined by the federal government as hazardous waste. However, Lithium-ion batteries are recyclable.
- To preserve natural resources, please recycle or dispose of batteries properly.

⚠ WARNING:

- Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape.
- Do not attempt to destroy or disassemble battery pack or remove any of its components.
- Batteries must be recycled or disposed of properly.
- Also, never touch both terminals with metal objects and/or body parts as short circuit may result.
- Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.
- This product does not contain mercury, cadmium or Lithium (metal).
- DO NOT INCINERATE battery cells.

SECTION 14: TRANSPORTATION INFORMATION

U.S. DOT Hazardous Material Regulations (Re: Ground Transport)

UN3480 Lithium-ion batteries over 101 watt hours or UN3481 Lithium-ion batteries packed with equipment over 101 watt hours when packaged correctly can travel under 49 CFR 173.185 when traveling by ground in the continental U.S. Must have the IACO label (UN3480 for batteries only, UN3481 for batteries packed with equipment).

Canada Transport Dangerous Goods (Re: Ground Transport)

UN3480 Lithium-ion batteries over 101 watt hours or UN3481 Lithium-ion batteries packed with equipment over 101 watt hours when traveling by ground in Canada must be declared as Dangerous Goods. The batteries must be packaged according to Packing Instruction 965. The following labels must be on the package: DG9 diamond, Red Bordered Lithium-ion warning label (ICAO). The package must also include a UN3480 Lithium-ion batteries label with the net weight of the batteries in kgs. The BOL must also state UN3480, Lithium-ion batteries,9,PGII or UN3481 Lithium-ion batteries packed with equipment,9,PGII.

International Dangerous Goods Regulations (Re: Air, Sea, Ground Transport)

UN3480 Lithium-ion batteries over 101 watt hours or UN3481 Lithium-ion batteries over 101 watt hours packed with equipment when shipped by sea will be considered Class 9 Dangerous Goods must be packaged according to Packing Instruction 965, and contain the following labels: DG9 diamond, Red Bordered Lithium-ion warning label (ICAO), and UN3480/3481 label with the kg of lithium label.

UN3480 Lithium-ion batteries over 101 watt hours or UN3481 Lithium-ion batteries over 101 watt hours packed with equipment when shipped by air will be considered Class 9 Dangerous Goods must be packaged according to Packing Instruction 965, and contain the following labels: DG9 diamond, Red Bordered Lithium-ion warning label (ICAO), Cargo Aircraft Only, and a label stating the amount of kgs of lithium in the box.

This rechargeable Lithium-ion battery has passed the relevant transportation test requirements as described in the UN Manual of Tests and Criteria, Part III, section 38.3. UN 38.3 Test Reports are maintained by the company.

SECTION 15: REGULATORY INFORMATION

Compliant with, relevant transportation test requirements as described in the UN Manual of Tests & Criteria, Part III, Sub section 38.3.

CALIFORNIA PROPOSITION 65

⚠ **WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov**

SECTION 16: OTHER INFORMATION

The information contained within this document is provided for your information only. In case of any discrepancy, the information provided in the battery cell Safety Data Sheet takes precedence over the information provided in the battery pack Technical Data Sheet.

Prepared by: TTI Outdoor Power Equipment, Inc.

The batteries referenced herein are considered exempt articles and are not subject to the OSHA Hazard Communication Standard; therefore an SDS is not required. This sheet is being provided as a service to our customers.

The information and recommendations set forth are made in good faith and believed to be accurate as of the date of preparation. TTI OUTDOOR POWER EQUIPMENT, INC. makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained from the use thereto.