

# Tron TR20 GMDSS battery & test battery

## Product Safety Information

Article Number: 80060, 80098



### VALID FROM:

April.2023

### MANUFACTURER:

Jotron AS, Ringdalskogen 8, 3270 Larvik, Norway

### EMERGENCY CONTACT

24 hours Emergency contact telephone number:

Norway/UK: +4733139700 & +441670 712000 from 08.00-16.00 (GMT+)

Singapore/US: +65 65426350 & +1 713 268 1061 from 16.00-08.00 (GMT+)

### PRODUCT DESCRIPTION

Listed product is a VHF battery module for use on marine VHF GMDSS radio containing lithium batteries.

The battery pack has fulfilled the test according to UN Manual of Test and Criteria ST/SG/AC.10/11 fifth revised edition, Chap 38.3. TSR according to Chap 38.3.5 can be downloaded from [www.jotron.com](http://www.jotron.com).

### GENERAL PRODUCT INFORMATION

The TR20 battery module consists of primary lithium battery cells.

Product consists of 6 battery cells, in one pack, with a total of 5.88-gram lithium.

### **DO NOT ATTEMPT TO RECHARGE THE BATTERY**

The TR20 battery module should only be disassembled after guidance from manufacturer or their representatives.

### HAZARDOUS SUBSTANCES

Under EC (European Chemical Agency (ECHA)) and US (Occupational Safety and Health Admin (OSHA)) legislation this product is classified as a manufactured article, which does not release, or otherwise result in exposure to a hazardous chemical under normal condition of use. This product is therefore exempted from the requirement of a dedicated Material Safety Data Sheet (MSDS). The following information is considered as guidance and as courtesy:

Information from Energizer Battery Manufacturing Inc concerning battery cell type Energizer L-91 light with chemical system Lithium Iron Disulfide, the product may contain the following active ingredients:

CAS.no	Material or Ingredients
110-71-4	1,2 Dimethoxyethane
646-06-0	1,3 Dioxolane
7782-42-5	Graphite
1309-36-0	Iron Disulfide
7439-93-2	Lithium or Lithium Alloy
10377-51-2	Lithium Iodide

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1333-86-4	Carbon
7439-89-6	Iron

No release or hazardous chemical will be exposed as long as the cells remain in their sealed and original condition.

This information concerning ingredients is given in good faith and based on information from Energizer Battery Manufacturing Inc Product Safety Datasheet Edit January 2022. Jotron makes no warranty, either expressed or implied, with respect to this information.

### DISPOSAL INFORMATION

The product shall follow local disposal regulations with reference to electronics and primary lithium battery. Specific information on the product disposal is to be found in the product manual or guidance documentation is to be found on [www.jotron.com](http://www.jotron.com).

### TRANSPORT INFORMATION

This product is restricted and classified for shipment as follows according to the latest revisions of ICAO/IATA/ADR/RID/IMDG regulations.

Hazard Class:	Class 9
UN ID No:	UN3090
Proper shipping name:	Lithium Metal Batteries
Packing Instruction:	968 (IA) acc to IATA/ICAO regulations
Packing Instruction:	903 acc to ADR/RID/IMDG code regulations
Lithium content in total:	5.88 gram
Battery pack net weight:	0.09 kg

### GREEN PASSPORT CERTIFICATE; SHIP RECYCLING INFORMATION

A dedicated Material Declaration (MD) document and Self Declaration of Conformity (SDoC) is to be found as pdf download, on [www.jotron.com](http://www.jotron.com). The product Green Passport Certificate is in conformity with the IMO Guidelines for the development of the inventory of Hazardous Material Resolution MEPC.269(68) Adopted on 15. May 2015.

### IMPORTANT CLOSING STATEMENT

Any counterfeit/non-original battery cells or battery-pack being use on this product will deviate from the product type approval(s), the product UN Manual of Test and Criteria ST/SG/AC.10/11 fifth revised edition, Chap 38.3 T1-T8 test and do not comply to this product safety information.