

# Product Safety Information

Tron TR30 Emergency GMDSS battery, Tron TR30 Lithium test battery,  
Spare TR30 Emergency GMDSS battery  
Art. no 87086, 83426, 101035, 101710



## MANUFACTURER:

Jotron AS, Østbyveien 1, 3280 Tjodalyng, 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 products are battery type lithium Emergency battery and lithium test battery modules for use with Jotron Tron TR30 GMDSS Radio.

The battery module has fulfilled the test according to UN Manual of Test and Criteria ST/SG/AC.10/11 fifth revised edition, Chap 38.3. Statement can be downloaded from [www.jotron.com](http://www.jotron.com), (Transport Statement Tron TR30 Emergency Battery)

## GENERAL PRODUCT INFORMATION

The Tron TR30 Emergency battery and test battery modules consist of primary lithium battery cells. The Emergency battery consists of 4 cells divided into two packs, with a total of 3.92-gram Lithium.

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

The 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 Eve Energy Co Ltd (cell type FR6) and Energizer Battery Manufacturing Inc (cell type L91) used in the Tron TR30 Emergency battery module is with chemical system Lithium Iron Disulfide and the cell may contain the following active ingredients;

| CAS.no     | Material or Ingredients  |
|------------|--------------------------|
| 110-71-4   | 1,2 Diemethoxyethane     |
| 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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| CAS.no    | Material or Ingredients |
|-----------|-------------------------|
| 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 Eve Energy Co Ltd Product Safety Datasheet Edit January 2014 and Energizer battery Manufacturing Inc Safety Datasheet edit March 2016. 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 as follows during transportation.

|                           |  |
|---------------------------|--|
| Hazard Class:             | Class 9  |
| UN ID No:                 | UN3090   |
| Proper shipping name:     | Lithium Metal Batteries                          |
| Packing Instruction:      | 968 (II) or 968 (IA) acc to IATA/ICAO regulation |
| Packing Instruction:      | 903 acc to ADR/RID/IMDG code regulations         |
| Lithium content in total: | 3.92 gram  |
| Battery pack Net-weight:  | 0.06Kg   |

## 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.