Issue Date: Aug.16th, 2024

Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING

Edit Foundation: Globally Harmonized System of Classification and Labeling of Chemicals (10th Reviewed, GHS)
Edit Date: August 16, 2024
Available Period: See Section 16 for more description
Product Name: Rechargeable Battery HR03
Product Use: Rechargeable Battery
UN Proper Shipping Name: BATTERIES, NICKEL-METAL HYDRIDE
Company Identification:
SONEPAR GLOBAL SOURCING SA
Chemin Louis-Hubert 3 1213 Petit-Lancy Switzerland
www.buytradeforce.com
Emergency Phone Number: 0574-86593262

2. HAZARDS IDENTIFICATION

GHS Classification: This sample belongs to dangerous goods and does not apply to GHS classification.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Mixtures: The mixture contains these substances:

Component	CAS Number	Weight %
Nickel hydroxide	12054-48-7	20-30%
Hydrogen storage alloy powder	-	15-30%
Cobalt oxide	11104-61-3	1-5%
Lithium hydroxide	1310-65-2	0.1-0.5%
Sodium hydroxide	1310-73-2	＜2%
Potassium hydroxide	1310-58-3	＜5%
Nylon	-	＜2%
Iron	7439-89-6	14-18%
Others	-	＜1%

4. FIRST AID MEASURES

The main way to enter the body: skin contact, the skin to absorb, eye contact, inhalation, ingestion
The symptoms of exposure:
Skin contact: There is no effect on daily operation and use.
The skin absorb: There is no effect on daily operation and use.
Eye contact: There is no effect on daily operation and use.
Inhalation: There is no effect on daily operation and use.
Carcinogens report: N/A
The product is sealed as a whole which described in the safety data sheet, as long as according to the manufacturer's proposed information to keep their integrity is not harmful.
Do not open, puncture, incinerate, crush, deform, disassemble, force discharge, expose to water, or expose to temperatures above the declared operating temperature range of the product. Fire, explosion and severe burn hazards may occur in such abuse conditions. Keep this product away from small children.

5. FIREFIGHTING MEASURES

Flash point: N/A.
Ignition point: No data.
Extinguishing Media: CO_2 , dry chemical extinguisher.
Fire extinguishing process methods: Wearing a self-service breathing machine.
Combustion hazard: Excessive heat can cause inclusions overflow.
Combustion products: CO_2, CO.

6. ACCIDENTAL RELEASE MEASURES

Leakage processing:
When housing of cells contained in this product is damaged, small amounts of electrolyte mayleak, evacuees until the smoke clears. If the battery heat, away from the scene, cooling battery, dissipate steam, adequate ventilation. Avoid skin or eyes contact with steam.
Waste disposal methods:

Battery discharge should be well, the battery will be discarded due to relevant departments, all waste must refer to the United Nations, the national and local regulations for disposal. With reference to national environmental protection bureau or federal EPA.

7. HANDLING AND STORAGE

Battery banned apart, damaged or burning, and forbidden to damage out of electrolyte. Should be stored in an airtight container. Ban on short circuit, over charge, forced discharge, or into the water. Extrusion or puncture the battery is prohibited. Forbidden to battery into the liquid.
Operation and storage:
Mechanical or electrical damage battery is prohibited. Store this product in dry, cool, ventilated environment without temperature changed or high temperature. Away from heat source, avoid sunlight for a long time.
The battery in the open, extrusion, in case of fire or high temperature conditions, will cause a fire or explosion, it is forbidden to short-circuit or improper operation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respirator:
If the battery leaks, need to fully ventilated.
Hand protection:
None required under normal use conditions.
Personal protection:
None required under normal use conditions.
Other protection:
None required under normal use conditions.
Use respirator, butyl gloves, work overalls, chemical goggles when handling leaked product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Standard voltage：1.2V
Weight：13g
Appearance and shape: Solid batteries for the tasteless cylinder

10. STABILITY AND REACTIVITY

Stability:
good stability under normal use.

Taboo thing:
high temperature, mechanical or electrical damage.

Decomposition product :
N/A

Polymerization product:
N/A

If leakage avoid contact with strong oxidant acid, alkali, halogen.

11. TOXICOLOGICAL INFORMATION

When the battery is damaged, inhalation of skin or eye contact may produce stimulation. Excitant steam can damage the skin, eyes and respiratory mucosa.

12. ECOLOGICAL INFORMATION

Ecological Information
The correct use and disposal of batteries will not cause harm to the environment.
The disposal of waste batteries, away from water, rain and snow.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:
Dispose of in a manner consistent with local regulations. Contact a professional waste disposal licensed organization to dispose of this substance.
Contaminated packaging：
Dispose of as unused product.

14. TRANSPORT INFORMATION

Maritime transport IMDG Code (41-22):
IMDG Code (41-22)：
IMDG Class: Class 9
UN/ID Number: 3496
Marine pollutant: No
Proper shipping name: BATTERIES, NICKEL-METAL HYDRIDE

15. REGULATORY INFORMATION

CHINA:
This product is classified as class 9 according to Regulations on the control over safety of dangerous chemicals, General rule for classification and hazard communication of chemicals (GB13690-2009) and List of dangerous goods (GB 12268-2012).

16. OTHER INFORMATION

The information is to the best of our knowledge and is just used for health, safety and environmental purpose. It shall not be treated as any form of warranty. Please provide a proper training to the person who may use, manage of this material and those safety-handling persons.
Abbreviation： N/A= Not available or Not applicable
Edit Date: August 16,2024
Edit Institution: Ningbo Customs Technology Center
Update and Revise: The third edition
Edit Standard: Globally Harmonized System of Classification and Labeling of Chemicals (10th Reviewed, GHS): Annex 4: guidance on the preparation of safety data sheets (SDS)
Declaim: The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.
Ningbo Customs Technology Center assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.
The period of validity of the safety data:
The safety data sheet is based on GHS, TDG, IMDG, IATA-DGR, and "dangerous chemical safety management regulations" and the national standards and other related dangerous chemicals management laws and regulations and standards. The laws and regulations and standards are regularly updated and change.
In order to comply with the latest management and technical requirements, the product safety data sheets should be in 2025 August 15 reviewed and updated.

Department: SONEPAR GLOBAL SOURCING SA

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