The batteries referenced herein are exempt articles and are not subject to the OSHA Hazard Communication Standard requirement. This safety data sheet is provided as a service to our customers.

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

<table>
<thead>
<tr>
<th>Identification of the substance/preparation</th>
<th>Nickel Metal Hydride Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use of the substance/preparation</td>
<td>Battery</td>
</tr>
<tr>
<td>Company/Undertaking Identification Supplier</td>
<td>Uniross Batteries SAS</td>
</tr>
<tr>
<td></td>
<td>Z.I. de la Madeleine</td>
</tr>
<tr>
<td></td>
<td>27 rue de la Maison Rouge</td>
</tr>
<tr>
<td></td>
<td>F 77185 - LOGNES</td>
</tr>
</tbody>
</table>

Emergency telephone number : +33 (0)1 60 95 00 40

2. COMPOSITION / INFORMATION ON INGREDIENTS

The Nickel Metal Hydride battery is hermetically sealed; among its components, the following ones could potentially be hazardous upon release.

<table>
<thead>
<tr>
<th>Product name</th>
<th>Nickel Metal Hydride Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous components</td>
<td></td>
</tr>
<tr>
<td>Nickel hydroxide</td>
<td>CAS-No. 12054-48-7</td>
</tr>
<tr>
<td></td>
<td>EC-No. 235-008-5</td>
</tr>
<tr>
<td></td>
<td>Weight % 15-30%</td>
</tr>
<tr>
<td>Metal Hydride Alloy</td>
<td>15-40%</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>CAS-No. 1310-58-3</td>
</tr>
<tr>
<td></td>
<td>EC-No. 215-181-3</td>
</tr>
<tr>
<td></td>
<td>Weight % 3-15%</td>
</tr>
<tr>
<td>Cobalt hydroxide</td>
<td>CAS-No. 21041-93-0</td>
</tr>
<tr>
<td></td>
<td>EC-No. 244-166-4</td>
</tr>
<tr>
<td></td>
<td>Weight % 2.5-7%</td>
</tr>
</tbody>
</table>

For the full text of the R phrases mentioned in this Section, see Section 15.

3. HAZARDS IDENTIFICATION

Classification
Carcinogenic Category 3 R40, sensitizing R42/43, Xn R20/22, C R35, N R50-53

Most important hazards
Limited evidence of a carcinogenic effect. Causes severe burns. Harmful by inhalation and if swallowed. May cause sensitization by inhalation and skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information
The Nickel Metal Hydride is a sealed battery which is not hazardous when used according to recommendations. Under normal conditions of use, the integrity of the battery casing and security vent are maintained, the ingredients are not expected to pose a significant risk to man or the environment. On some bad using conditions (high over-charge, inverse charge, external short circuit) and in case of a bad functioning, some electrolyte leakage can occur by the safety vent. In these cases, the risk is the caustic nature of electrolyte (potassium hydroxide).

The classification above is based on the contents being considered as a preparation in accordance with Directive 1999/45/EC.
4. FIRST AID MEASURES

General advice
Show this safety data sheet to the doctor in attendance.

The information below refers to exposure to the ingredients.

Inhalation
Immediate medical attention is required. Move to fresh air. If symptoms persist, call a physician.

Skin contact
Immediate medical attention is required. Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.

Eye contact
Immediate medical attention is required. Remove contact lenses. Rinse immediately with plenty of water for at least 15 minutes.

Ingestion
Immediate medical attention is required. Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Dry powder, carbon dioxide (CO₂), sand.

Extinguishing media which must not be used for safety reasons
Water, water spray.

Specific hazards
Risk of receptacle bursting.

Special protective equipment for firefighters
In the event of fire, wear self contained breathing apparatus. Wear personal protective equipment.

Hazardous decomposition products
Nickel and cobalt compounds.

6. ACCIDENTAL RELEASE MEASURES

The information below refers to exposure to the ingredients.

Personal precautions
Use personal protective equipment. Avoid contact with skin and eyes.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system.

Methods for cleaning up
Pick up and transfer to properly labelled containers. Dispose of in accordance with local regulations.
7. HANDLING AND STORAGE

Handling
Technical measures/Precautions
No special technical protective measures required.
Do not obstruct safety vent by soldering or welding tabs on the positive top.

Safe handling advice
Avoid contact with skin and eyes.
Use personal protective equipment.

Storage
Technical measures/Storage conditions
Keep in a dry, cool and well-ventilated place, preferably in the temperature range of +5 to +25°C at 65%(± 5%) relative humidity.
Keep away from heat and sources of ignition.
Ensure battery terminals are protected during storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls
Engineering measures
Ensure adequate ventilation, especially in confined areas.

Personal protective equipment
Not required under normal use.

Respiratory protection
Wear a positive-pressure supplied-air respirator with full facepiece.

Hand protection
Neoprene gloves (EN374).

Eye protection
Safety glasses with side-shields conforming to EN166.

Skin and body protection
Boots, apron, protective suit.

Hygiene measures
General industrial hygiene practice.

Environmental exposure controls
Prevent product from entering drains.
Do not allow material to contaminate ground water system.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information
Form battery (sealed unit)  Colour not applicable  Odour odourless

Important Health Safety and Environmental Information
not applicable
10. STABILITY AND REACTIVITY

**Stability**
Stable under normal conditions.

**Hazardous polymerisation**
Hazardous polymerisation does not occur.

**Conditions to avoid**
Keep away from heat and sources of ignition.

**Materials to avoid**
Exposure to moisture.

**Hazardous decomposition products**
Nickel and cobalt compounds.

11. TOXICOLOGICAL INFORMATION

*The information below refers to exposure to the ingredients.*

**Local effects**
Causes severe burns. Risk of serious damage to eyes. Harmful by inhalation and if swallowed.

**Long term toxicity**
No data available. Avoid repeated exposure.

**Specific effects**
May cause sensitization by inhalation and skin contact. Limited evidence of a carcinogenic effect.

12. ECOLOGICAL INFORMATION

If used as directed, and if the integrity of the battery casing and security vent are maintained, the ingredients are not expected to pose a significant risk to the environment.

**Mobility**
No data available.

**Persistence and degradability**
No data available.

**Ecotoxicity effects**
*The information below refers to exposure to the ingredients.*
Nickel hydroxide: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products**
Dispose of in accordance with local regulations. It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations. Should not be released into the environment.

**Contaminated packaging**
Not applicable.

**Further information**
EWC waste disposal No: 200133 - batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries. Never incinerate Ni-MH batteries. Never dispose Ni-MH batteries as landfill. Nickel-Metal Hydride batteries - which in some countries may not be subject to collection & recycling and/or disposal requirements – do however contain recyclable materials and UNIROSS recommends
SAFETY DATA SHEET

Creation Date : 11 April 2006
Last Update : 11 February 2010

Product name: Nickel Metal Hydride Battery

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14. TRANSPORT INFORMATION

Uniross sealed Nickel Metal Hydride batteries are not subject to dangerous goods regulations. They are unregulated for purposes of transportation by International Civil Administration (ICAO), International Air Transport Association (IATA), International Maritime Organization (IMO) and ADR.

UN recommendations (UNECE-rev16) state that
a) batteries shall be protected against short circuits
b) batteries stacked shall be adequately secured in tiers separated by a layer of non-conductive material
c) battery terminals shall not support the weight of other superimposed elements
d) battery shall be packaged or secured to prevent inadvertent movement

IATA requirement for shipping these batteries by air is special provision A164 which states: “Any electrical battery or battery-powered device, equipment of vehicle having the potential of a dangerous evolution of heat must be prepared for transport so as to prevent
a) a short-circuit (e.g. in the case of batteries by the effective insulation of exposed terminals or in the case of equipment, by disconnection of the battery and protection of exposed terminals); and,
b) unintentional activation”

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15. REGULATORY INFORMATION

Symbol
- C – Corrosive
- N – Dangerous for the environment

Text of R phrases mentioned in Section 2
- R22 - Harmful if swallowed.
- R20/22 - Harmful by inhalation and if swallowed.
- R35 - Causes severe burns
- R40 - Limited evidence of a carcinogenic effect.
- R42/43 - May cause sensitization by inhalation and skin contact.
- R43 - May cause sensitization by skin contact.
- R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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16. OTHER INFORMATION

S-phrases
- S1/2 - Keep locked up and out of the reach of children.
- S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
- S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- S60 - This material and its container must be disposed of as hazardous waste.
- S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.