- Acute toxicity: Unknown.
- Local effects: When it goes into one's eyes, it stimulates one's eyes; conjunctivitis, thickening of corneal epithelium or edematous inflammation palpebra may be caused.
- Chronic toxicity/Long term toxicity: Since the long-term inhalation of high levels of graphite coarse particulate may become a cause of a lung disease or a tracheal disease, it is regulated by the coarse particulate obstacle prevention rule and the dust-lung method enforcement regulations.
- Carcinogenicity: Graphite is not recognized as a cause of cancer by research organizations and natural toxic substance research organizations of cancer.

Copper

- Health Rating:3 - Severe (Life)
- Flammability Rating:1 - Slight
- Reactivity Rating:2 - Moderate
- Contact Rating:1 - Slight
- Acute toxicity:
  60-100mg sized coarse particulate causes a gastrointestinal disturbance with nausea and inflammation.
  TDLo, hypodermic - Rabbit 375mg/kg
- Local effects:
  Coarse particulate stimulates a nose and a tracheal.
  When it goes into one's eyes, the symptom of the reddening and the pain is caused.
- Sensitization: Sensitization of the skin may be caused by long-term or repetitive contact.
- Reproductive toxicity: TDLo, oral - Rat 152mg/kg

Organic electrolyte

- Acute toxicity: LD_{50}, oral - Rat 2,000mg/kg or more
- Local effects: Unknown.
- Skin irritation study: Rabbit - Mild
- eye irritation study: Rabbit - Very severe

12.ECOLOGICAL INFORMATION

- Persistence/degradability: Since a battery cell and the internal materials remain in the environment, do not bury or throw it into the environment.

13.DISPOSAL CONSIDERATIONS

- Recommended methods for safe and environmentally preferred disposal:

Product(waste from residues)

Dispose used cells according to the law of the countries.

Contaminated packaging

Neither a container nor packing is contaminated during normal use. When internal materials leaked from a battery cell contaminates, dispose the packaging according to the law of the countries.

14.TRANSPORT INFORMATION

* The UN classification number: Class 9 3480

Each cell is of the type proved to meet the requirement of each test of the UN Manual of Tests and Criteria, Part III, Sub-section 38.3, and may be transported under each condition below.

1) PACKING INSTRUCTION 965 section IA of IATA-DGR
2) Special Provision 230 of IMDG-Code, and PACKING INSTRUCTION P903 of IMDG-Code
3) Special Provision 230 of ADR, and PACKING INSTRUCTION P903 of ADR
4) 49 CFR 173.185

If battery containing these cells is of the type proved to meet the requirement of each test of the UN Manual of Tests and Criteria, the battery may be transported under each condition below.

1) PACKING INSTRUCTION 965 section IA of IATA-DGR
2) Special Provision 230 of IMDG-Code, and PACKING INSTRUCTION P903 of IMDG-Code
3) Special Provision 230 of ADR, and PACKING INSTRUCTION P903 of ADR
4) 49 CFR 173.185

If battery containing these cells has not been tested in accordance with the requirements contained in the UN Manual of Tests and Criteria, the battery may be transported under each condition below in case the battery is prototype for testing.