



SAFETY DATA SHEET

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Revised edition no : 05

P-100 BATTERY WATER

Effective Date: 7.2.2023

1 Identification of the Product and the company

Chemical Name : Battery Water
Type of product chemical family : N/A
Use : high quality deionizer water
Producer : TLC-KOYA CHEMICALS MANUFACTURING SDN BHD
No.22 & 23 , Jalan Maju 1,
Cemerlang Industrial Estate,
81800 Ulu Tiram, Johor, Malaysia.
Tel: 607-8675798 Fax: 607-8675799
Website: www.koyachemicals.com Email: admin@koyachemicals.com
Emergency phone no : See producer

2 Hazard Identification

Classification of the substance or mixture : Not classified as dangerous
Human health hazards : Not applicable.
Physical/chemical hazards : Not applicable.
Environmental hazards : Not applicable.
Hazard pictograms : None.
Signal word : Not applicable.

Substance or mixture may be classified differently when accidentally sprayed or poured out after being poured into a battery.

Classification of the substance or mixture

Skin Corrosion : Category 1

Serious eye damage : Category 1

Hazard pictograms



Signal word : Danger

Hazard Statement : H314 Causes severe skin burns and eye damage

: H318 Causes serious eye damage

Precautionary Statement

P260 Do not breathe mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P310 Immediately call a POISON CENTER or doctor/physician
P363 Wash contaminated clothing before reuse.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

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3 Composition / Information on Ingredients

Hazardous ingredients : Deionizer water. No hazardous property in this product.

4 First Aid Measures

Substance or mixture itself

Inhalation : Like normal water
Skin Contact : Like contact normal water
Eye Contact : Like contact normal water
Ingestion ; Like normal water

Substance or mixture already mix with the acid inside the battery.

Inhalation : fresh air. Call in physician.
Skin Contact : Take off immediately all contaminated clothing. Rinse skin with water/
shower. Call a physician immediately.
Eye Contact : rinse out with plenty of water. Immediately call in ophthalmologist. Remove
contact lenses.
Ingestion : make victim drink water (two glasses at most), avoid vomiting (risk of
perforation). Call a physician immediately. Do not attempt to neutralise.

5 Fire-Fighting Measures

Substance or mixture itself

Fire Hazard : N/A
Extinguishing media : This product will not burn or support combustion.

Substance or mixture already mix with the acid inside the battery.

Advice for firefighters : Stay in danger area only with self-contained breathing apparatus. Prevent
skin contact by keeping a safe distance or by wearing suitable protective clothing.

6 Accidental Release measures

Substance or mixture itself

Personal protection - N/A
Environment precautions - N/A
Cleaning / recovery - Large spillages : Swept it off
- Small spillages :Swept it off

Substance or mixture already mix with the acid inside the battery.

Personal precautions, protective equipment and emergency procedures
: Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure
adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.
Environmental precautions : Do not let product enter drains.
Methods and materials for containment and cleaning up
: Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions. Take up with
liquid-absorbent and neutralising material. Dispose of properly. Clean up affected area.

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7 Handling and Storage

Substance or mixture itself

Handling

: Like handling normal water.

Storage

: Storage temperature : home temperature

Protect from frost and direct sunlight.

Drums and bottles : material is plastic.

Bulk tanks : plastic materials.

Specific use

: Use the best available methods of handling our Products whereby the employees enjoy maximum safety and whereby the environment is minimally affected.

Substance or mixture already mix with the acid inside the battery.

Precautions for safe handling

: For precautions see section 2 Precautionary Statement

Conditions for safe storage, including any incompatibilities

Storage conditions

: No metal containers. Tightly closed.

8 Exposure controls / personal protection

Substance or mixture itself

Exposure limit values

: No danger in normal ambient conditions.

There are no specific limiting values for professional exposure.

There are no biological limiting values.

User should determine the conditions for safe use of the product. Cfr.

Section 7 "Handling and Storage".

Exposure controls:

- Occupational exposure controls

: Respiratory protection : not applicable

Hand protection : N/A

Eye protection : N/A

Skin protection : N/A

- Environmental exposure controls

: N/D

Substance or mixture already mix with the acid inside the battery.

Appropriate engineering controls

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Tightly fitting safety goggles

Skin protection Material: Nitrile rubber, Latex gloves

Body Protection Acid-resistant protective clothing

Control of environmental exposure

Do not let product enter drains.

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9 Physical and chemical properties

Substance or mixture itself

Boiling Point (°C) : 100
PH of concentrate : 6.5 - 8.5
Appearance : Clear liquid
Specific Gravity (H₂O=1) : 1

Substance or mixture already mix with the acid inside the battery.

As we do not know the concentration of acid mix with the substance or mixture, so do not state information.
The PH of the mixture maybe nearly to acidic.

10 Stabiity and reactivity

Substance or mixture itself

Conditions to avoid :Stable under the recommended storage conditions. Cfr. Section 7 "Storage".
Bacterial degradation can occur if the Product is stored for an unusually long period or is stored under unsuitable conditions.

Materials to avoid : N/D

Hazardous decomposition products : N/D

Substance or mixture already mix with the acid inside the battery.

Incompatible materials Bases, Amines, Alkali metals, Metals, permanganates, for example potassium permanganate, Fluorine, metal acetylides, hexalithium disilicide Metals

11 Toxicological information

Substance or mixture itself

On product : N/A
Under normal industrial conditions, there is no indication that the Product can be considered as a health risk.

Substance or mixture already mix with the acid inside the battery.

Skin corrosion/irritation : Mixture causes burns.
Serious eye damage/eye irritation : Mixture causes serious eye damage. Risk of blindness!

12 Ecological information

Substance or mixture itself

Ecotoxicity : N/A
Persistence and degradability : There is only a slow environmental degradation of the Product.
Bioaccumulative potential : There is seemingly no tendency for bioaccumulation.
Other adverse effects : Unknown

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13 Disposal Considerations

- The following advice only applies to the product as supplied
- Combination with other materials may well indicate another route of disposal. If in doubt, contact local TLC-KOYA CHEMICALS MANUFACTURING SDN BHD or local authorities.
- Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor.
- Care should in any case be taken to ensure compliance with national and local regulations.
- This product is not suitable for disposal by either landfill or via municipal sewers, drains, and natural streams, rivers or seas, they will effect the relationship between living things, plants and their environment.

14 Transport information

General information : This Product is not regulated for road/rail & sea transport.

IMO : Not regulated

15 Regulatory Information

Classification and labeling : Classification /symbol - not regulated
Governing directive : Occupational Safety and Health (Classification, Packaging and Labeling of Hazardous Chemicals) Regulations 1997
Substance or mixture already mix with the acid inside the battery.
Safety advice : (May contain information in excess of requirements under applicable laws.
: H314 Causes severe skin burns and eye damage
: H318 Causes serious eye damage

16 Other information

Further information : None
Print date : 7.2.2023

N/A - Not Applicable N/D - Not Determined

All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations, the user is responsible to determine that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights.

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