

Material Safety Data Sheet

Section 1 - Product and Company Identification

Product name Battery fluid,acid 42%

Applicant name KINVOLT POWER SUPPLY TECHNOLOGY CO.,LIMITED

Application address: South 2#, Anport International Business

Centre,Huli District, Xiamen City, Fujian Province, China

Manufacturer name KINVOLT POWER SUPPLY TECHNOLOGY CO.,LIMITED

Manufacturer address: South 2#, Anport International Business

Centre,Huli District, Xiamen City, Fujian Province, China

Manufacturer post code 361000

Manufacturer fax +86-592-6032260

Manufacturer emergency phone number +86-592-6032260

Section 2 –Hazards Identification

Hazard class and label elements of the substance according to GHS(the eighth revised editin)

:

Hazard class

Skin corrosion/irritation

Category 1A

Serious eye damage/eye irritation

Category 1

Pictogram



Signal Danger

Hazard statement(s)

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

Precautionary statements

P260 Do not breathe in dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection

P264 Wash thoroughly after handling

Response

P302+P361+353 IF ON SKIN: Take off immediately all contaminated clothing.
Immediately rinse with water for several minutes.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P301+P330+ P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P305+P354+ P338 IF IN EYES: Immediately rinse with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P317 Get medical help.
P363 Wash contaminated clothing before reuse.
P321 Specific treatment(see the first aid measures provided on this label)

Storage P405 Store locked up.

Disposal P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 – Composition/Information on Ingredients

Component	Concentration	CAS No	EC No.
sulfuric acid	42%	7664-93-9	231-639-5
water	58%	7732-18-5	231-791-2

Section 4 – First Aid Measures

After skin contact Wash off with soap and plenty of water

After eye contact Rinse thoroughly with plenty of water at least 15 minutes

Remove contact lenses, if present and easy to do. Continue rinsing and consult a physician.

After ingestion Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

After inhalation If breathed in, move person into fresh air, If not breathing, artificial respiration may be needed. Consult a physician.

Section 5 – Fire Fighting Measures

Hazardous products of combustion

Sulfuric Oxides.

Extinguishing method Use water, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

Special protective equipment Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 – Accidental Release Measure

Personal precautions Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods for cleaning up Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

Section 7 – Handling and Storage

Handling Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Storage Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed to prevent leakage.

Section 8 – Exposure Controls, Personal Protection

Engineering Controls Mechanical exhaust required. Safety shower and eye bath.

Respiratory protection Use a full-face supplied air respirator.

Eye protection Wear chemical goggles.

Hand Protection Wear impervious chemical resistant gloves.

Body protection Wear protective work clothing.

Section 9 – Physical and Chemical Properties

Appearance Colorless liquid.

Odor Acid odor

Melting point/freezing point(°C) No data available

Flash point(°C)(closed cup)	No data available
Flammability	No data available
Lower explosive limit%(V/V)	No data available
Vapor density(g/mL)	No data available
Solubility	Soluble in water
Auto-ignition temperature(°C)	No data available
Viscosity(m ² /s)	No data available
Odor threshold	No data available
pH value	<1
Initial boiling point and boiling range(°C)	No data available
Evaporation Rate	No data available
Upper explosive limit%(V/V)	No data available
Vapor pressure	No data available
Relative density(g/cm ³)	No data available
Octanol / water partition coefficient	No data available
Decomposition temperature(°C)	No data available

Section 10 – Stability and Reactivity

Reactive	No data available
Chemical stability	Stable under the condition recommended.
Possibility of hazardous reactions	Oxidizer.
Avoid conditions	Heat, flames and sparks.
Incompatible materials	Metals, alkali metals and strongbases
Hazardous decomposition products	Sulfuric Oxides.

Section 11 – Toxicological Information

Acute toxicity	No data available.
Skin corrosion/irritation	Cause severe skin burns.
Serious eye damage/eye irritation	Cause serious eye damage.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.

Reproductive toxicity	No data available.
Specific target organ toxicity – single exposure	No data available.
Specific target organ toxicity – repeated exposure	No data available.
Aspiration hazard	No data available.

Section 12 – Ecological Information

Ecotoxicity	No data available.
Biodegradability	No data available.
Abiotic degradation	No data available.
Bioaccumulation	No data available.
Other hazards	No data available.

Section 13 – Disposal Considerations

Property of waste	No data available.
Methods of disposal	Dispose of in a manner consistent with federal, state, and local regulations.
Precautions of disposal	No data available.

Section 14 - Transport Information

UN number	2796
UN proper shipping name	BATTERY FLUID, ACID
Transportation primary hazard class	8
Transportation secondary hazard class	-
Packing group	II
Marine pollutant (Yes/No)	No

Section 15 - Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Sulfuric Acid	√	√	√	√
Water	√	√	√	√

Note 1

CHINA - China Inventory of Existing Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

ENCS - Japan Existing and New Chemical Substances

EINECS - European Inventory of Existing Commercial Chemical Substances

Note 2

"√" Indicates that the substance included in the regulations

"-" That no data or included in the regulations

Section 16 - Additional Information

date of compiling: 2025-01-01

Modification statement:

Original. Please update before the implementation of the GHS ninth revised edition.

Other information:

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