

Issue Date: 03/07/2024
 Last Revision Date: N/A
 Superseded Date: N/A
 Version Number: 01

SAFETY DATA SHEET

Product Code: SCLBBYDHW

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SECTION 1 PRODUCT IDENTIFICATION

Product Name: Liv Digital Electronic Baby Growth Scale
Type/Model TIANQIU R03 (PVC) 1.5V
Parameter 1.5V
Usage Further used in other equipment

SECTION 2 HAZARD IDENTIFICATION

Classification:

This chemical is not considered hazardous by the Regulation (EC) No 1272/2008 (CLP). This product is an article which is a sealed battery and as such does not require an SDS per the Regulation (EC) No 1272/2008 (CLP) unless ruptured. The hazards indicated are for a ruptured battery.

Acute toxicity – Oral	Category 4
Acute toxicity - Dermal	Category 4
Skin corrosion/irritation	Category 1B
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 1

Label elements:

Signal Word: N/A

Hazard Statements:

- Harmful if swallowed.
- Harmful in contact with skin.
- Harmful if inhaled.
- Causes serious eye damage.
- May cause an allergic skin reaction.
- May cause cancer.
- May cause damage to organs.
- May cause respiratory irritation.

Symbol: None

Precautionary Statements – Prevention --Obtain special instructions before use.

- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required.
- Wash face, hands and any exposed skin thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.

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Precautionary Statements – Response

Skin: If on skin: wash with plenty of soap and water. Take off contaminated clothing and water before reuse, if skin irritation or rash occurs: get medical advice/attention if feel unwell.

Eye: If in eyes: Rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do, Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell.

Inhalation: If inhalation: if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion: If swallowed: rinse mouth, do not induce vomiting, Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statements – Storage

--Store locked up

Precautionary Statements – Disposal

--Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

Not applicable

Other information

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Interactions with other chemicals

Use of alcoholic beverages may enhance toxic effect.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Molecular formula	CAS Number	Weigh
Zinc	Zn	7440-66-6	25.61%
Manganese dioxide	MnO ₂	1313-13-9	17.63%
Zinc Chloride	ZnCl ₂	7646-85-7	2.05%
Carbon Black	C	1333-86-4	3.1%
Graphite	C ₂₄ X ₁₂	7782-42-5	5.43%
Ammonium chloride	NH ₄ Cl	12125-02-9	0.37%
Iron	Fe	7439-89-6	23.35%
Polybutene	C ₄ H ₈	9003-28-5	0.072%
POLYISOPRENE	C ₅ H ₈	9003-31-0	0.024%
Phenolic epoxy resin	(C ₁₁ H ₁₂ O ₃) _n	61788-97-4	0.024%
Water	H ₂ O	7732-18-5	19.47%
Polyvinyl chloride	[C ₂ H ₃ Cl] _n	9002-86-2	1.13%
Starch, phosphate	H ₃ O ₄ P·x	11120-02-8	0.2%
Paper	--	RR-01108-5	1.54%

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SECTION 4 FIRST AID MEASURES

Eye Exposure:	In case of contact with eyes, flush with copious of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.
Skin Exposure:	If the internal battery materials of an opened battery cell come into contact with skin, immediately flush with plenty of water or soap.
Inhalation Exposure:	If inhaled the internals of battery vomiting. Seeking Immediate medical attention.
Ingestion Exposure:	If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

SECTION 5 FIRE FIGHTING MEASURES

Danger characteristic:	Exposure to excessive heat can cause venting of the liquid electrolyte. Battery may burst and release hazardous decomposition products when exposed to a fire situation.
Hazardous combustion products	Corrosive and toxic gas may be emitted during fire.
Fire-Fighting method:	The staff must equip with filtermask (full mask) or isolated breathing apparatus. The staff must wear the clothes which can defense the fire in the upwind direction. Remove the container to the open space as soon as possible. Spray water on the containers in the fireplace to keep them cool until finish extinguishment.
Fire-Fighting media:	Plenty of water, dry chemical powder or carbon dioxide.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Emergency treatment:	If the battery material is released, remove personnel from area until the batteries cool down and fumes dissipate. Provide maximum ventilation to clear out hazardous gases and avoid skin and eye contact or inhalation of vapors. Remove spilled liquid with absorbent and incinerate waste.
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SECTION 7 HANDLING AND STORAGE

Handling:

1. Do not allow battery terminates to contact each other, or contact with other metals.
2. Do not put the cell or battery into a fire or heat it. Do not solder the cell directly. Do not use or leave the cell or battery in a place near fire or heaters.
3. Do not expose the battery to excessive physical shock or vibration.
4. Do not immerse, throw, and wet a battery in water.
5. Short-circuiting should be avoided. Short circuit will reduce the life of the battery and can lead to ignition of surrounding materials. Physical contact with to short- circuited battery can cause skin burn.
6. The batteries should not be opened, destroyed or incinerate, since they may leak or rupture and release to the environment the ingredients that they contain in the hermetically sealed container.
7. Place the cell beyond the child packing and container.
8. Do not connect the battery directly to an electric outlet or cigarette socket in a car.

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9. Be sure to use the specified charger for battery, and follow the charging instructions correctly.
10. Do not mix old and new batteries together, neither with Ni-Cd, dry batteries or another manufacturer batteries or product.

Storage:

1. Batteries should be separated from other materials and stored in a noncombustible, well ventilated, sprinkler-protected structure with sufficient clearance between walls and battery stacks.
2. Keep the sample in the cool, dry and well-ventilated place (temperature: -20~30 °C, humidity: 45~85%). Do not exposure to direct sunlight for long periods. Keep away from fire and heating sources. Don't keep the samples with oxidizer and acid.
3. Equip with relevant types and quantities of the extinguishment instruments. The storage place should be equipped with suitable shelter materials for divulgence handling.
4. For rechargeable battery, charge the battery every 6 months to the amount specified by the manufacture, even if the battery is not used.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control:	Keep away from heat and open flame. Supply with sufficient partial air exhaust. Store in a cool, dry place.
Respiratory Protection:	Not necessary under conditions of normal use. Wear self-contained breathing filtermask if the density exceed in the air. Wear breathing apparatus under the condition of emergency rescue or evacuation.
Eyes Protection:	Not necessary under conditions of normal use. Wear protective glasses if handling a leaking or ruptured battery
Skin and Body Protection:	Not necessary under conditions of normal use. Wear fireproofing, gas defense clothes in case of handling a leaking or ruptured battery.
Hands Protection:	Not necessary under conditions of normal use. Wear chemical resistant rubber glove.
Other Protections:	No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.

SECTION 9

PHYSICAL/CHEMICAL PROPERTIES

Appearance:	--
Physical state:	Solid
Form:	--
Odor:	Odorless
Solubility:	Insoluble in water

SECTION 10

STABILITY AND REACTIVITY

Stability	Stable under normal temperature and pressure.
Distribution of Ban:	Explosives, inflammables, strong oxidants and corrosives.
Conditions to Avoid:	Fire source, heating source, disassemble, external short circuit, crushes, deformation, high temperature above 100°C, direct sunlight and high humidity, immerse in water or overcharge.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Metal oxides, carboxyl compound such as CO, CO2, etc.

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SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No information is available.
Sub-acute and Chronic Toxicity:	No information is available.
Irritation Data:	The internal battery materials may cause irritation to eyes and skin.
Sensitization:	The liquid in the battery may cause sensitization to some person.
Mutagenicity:	No information is available.
Carcinogenicity:	No information is available.
Others:	Since the materials in this battery are sealed in the can, the potential for exposure to the components of the battery is negligible, when the battery is used as directed. However technical or electrical abuse of the battery may result in the release of battery contents.

SECTION 12 ECOLOGICAL INFORMATION

Eco-toxicity:	No information is available.
Biodegradable:	No information is available.
Mobility in soil:	No information is available.
Bioconcentration or biological accumulation:	No information is available.
Other harmful effects:	Don't abandon the battery into environment, may cause water or soil pollution.

SECTION 13 DISPOSAL CONSIDERATIONS

Appropriate Method of Substance:	The battery should be completely discharged prior to disposal in order to prevent short circuit. The battery contains recyclable materials, and it is suggested recycle. Refer to National or Local regulations before handling. Disposal of the battery should be performed by permitted, professional disposal firms knowledgeable in National or Local regulations of hazardous waste treatment and hazardous waste transportation.
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SECTION 14 TRANSPORT INFORMATION

General packaging requirement:	
1. The cells or batteries must be protected so as to prevent short circuits.	
2. The cells or batteries or equipment must be packed in suitable strong outer packaging.	
3. If batteries contained in equipment, equipment must be secured against movement within the outer packaging and be packed so as to prevent accidental activation.	
Air transportation, according to IATA-DGR 65th Edition (Effective 1 January-31 December 2024)	
UN Number + PSN	No regulations
Hazard Class	Not restricted, according to special provision A123
Packaging requirement	Strong package, packaging in accordance to corresponding requirements of A123, or the general packing instructions above

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Sea transportation, according to IMO IMDG Code (Amend 41-2022)

UN Number + PSN No regulations
Hazard Class Not restricted
Packaging requirement Strong package, packaging in accordance to the general packing instructions above
EmS No. Not-restricted goods

Road transportation, according to ADR-2023

UN Number + PSN No regulations
Hazard Class Not restricted
Packaging requirement Strong package, packaging in accordance to the general packing instructions above

SECTION 15 REGULATORY INFORMATION

Dangerous Goods Regulation (DGR)
Recommendations on the Transport of Dangerous Goods Model Regulations
International Maritime Dangerous Goods (IMDG)
Occupational Safety and Health Act (OSHA)
Toxic Substances Control Act (TSCA)
Code of Federal Regulations (CFR)
Technical Instructions for the Safe Transport of Dangerous Goods
California Proposition 65
Superfund Amendments and Reauthorization Act Title III (302/311/312/313) (SARA)
Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
In accordance with all Federal, State and local laws.

SECTION 16 OTHER INFORMATION

Accordng standard: GB/T 16483-2008 Safety data sheet for chemical products Content and order of sections
ISO 11014:2009(E) Safety data sheet for chemical products – Content and order of sections

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END OF SDS