



Issuing date:

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**1. Identification of the substance/preparation and the company/undertaking**

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**GHS product identifier****Product name:** LIWANG "KENDAL" Alkaline Battery**Other mean of identification**

<b>Product code(s):</b>	<b>Ref. No.: LW2015011204</b>
UN-Number:	N/A
Synonyms:	None

**Recommended use of the chemical and restrictions on use****Recommended use:** T  
**Uses advised against:** D**Supplier address/information**

Guandong Liwang New Energy Co.,Ltd  
Shima District, Tangxia Town, Dongguan Province  
China  
Phone #: 0086-769-87885755  
Fax #: 0086-769-87887512

**Emergency telephone number:** 1-888-425-1149 (LMP)



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## 2. Hazards Identification

### Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

### GHS label elements, including precautionary statements

- **GHS label elements:** Non-Regulated Material
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Non-Regulated Material
- **Hazard statements:** Non-Regulated Material
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**

Hazard(s) not otherwise classified (HNOC): None know



- **HMIS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0



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**Hazards Identification (continued)**

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**Emergency overview****Signal Word: Warning** – For External Use Only**Appearance:** Pink in Color**Physical state:** Thick Paste**Odor:** Characteristic Odor**Precautionary statements**

General advice:

- Follow label directions carefully.
- Do not exceed recommended dose unless directed by a doctor.
- Contact physician if condition gets worse or does not improve within 7 days.
- Keep out of reach of children.
- Keep container tightly sealed when not in use.
- Do not swallow.

Eyes:

- **Do Not Get Into Eyes**

Inhalation:

- Do Not inhale product directly into nose
- Avoid inhaling mist and vapors.
- Use with adequate ventilation.

Storage:

- Store in a cool (**59-86F/15-30C**) dry location away from heat, sparks and open flame.
- Do not use around ignition sources such as heat, sparks, flame, etc.
- Do not smoke while using. Use with adequate ventilation.
- Avoid skin and excessive eye contact.

Disposal:

- Place waste in appropriate container for disposal. Consult local, state, and federal regulations. Do not reuse empty container.

**Hazard not otherwise classified (HNOC):**

N/A

**Other information**

Follow label directions carefully. **Keep out of reach of children.** Keep container tightly sealed when not in use. Do not contaminate water, food, or feed by use or storage. Do not use if tamper resistant seal has been opened.



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**3. Composition/Information on ingredients**

Chemical name	CAS-No	Weight %	Trade Secret
Menthol	89-78-1	0.45%	N/A
Zinc Oxide	1314-13-2	20%	N/A
Water	7732-18-5	N/A	N/A
Petrolatum	8009-03-8	N/A	N/A
Microcrystalline Wax	63231-60-7, 128-37-0	N/A	N/A
Lanolin	8006-54-0	N/A	N/A
Sorbitan Sesquioleate	9005-65-6	N/A	N/A
Glycerin	56-81-5	N/A	N/A
Calamine	8011-96-9	N/A	N/A
Sodium Borate	1330-43-4/1303-96-4	N/A	N/A
Manuka Honey	N/A	N/A	N/A
Aloe Barbadensis Leaf Juice	N/A	N/A	N/A
Chamomilla Recutita (Matricaria) Flower Extract	84082-60-0	N/A	N/A
Tocopherol	7695-91-2	N/A	N/A
Codliver Oil	8001-69-2	N/A	N/A
Disodium EDTA	6381-92-6	N/A	N/A
Propylparaben	94-13-3	N/A	N/A
Methylparaben	99-76-3	N/A	N/A

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory



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## 4. First aid measures

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### Description of necessary first-aid measures

**Eye contact:**

Avoid eye contact. If irritation develops, call a physician.

**Skin contact:**

Rinse skin with plenty of water. If irritation develops, call a physician. Certain persons can develop allergic reactions to this product. If redness, irritation, swelling, pain or other symptoms continue, call a physician.

**Inhalation:**

Move person to fresh air. If breathing has stopped, qualified personnel should begin artificial respiration and emergency medical personnel should be contacted immediately.

**Ingestion:**

Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse out mouth and have patient drink several glasses of water. Call a physician.

**Most important symptoms/effects, acute and delayed:**

Redness or irritation that gets worse or does not reduce within 7 days. Call a physician.

**Indication of immediate medical attention and special treatment needed, if necessary:**

Notes to Physician: None.

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## 5. Fire-fighting measures

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**Suitable extinguishing media:** All recognized methods acceptable.

**Specific hazards arising from the chemical:** Will not support combustion.

**Explosion data:**

- Will not support combustion

**Protective equipment and precautions for firefighters:** Keep containers cool and vapors down with water spray. **Prevent run-off from entering sewers and public waterways.** Wear SCBA in chemical fires.



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## 6. Accidental release measures

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**Personal precautions, protective equipment and emergency procedures:** Caution, Slip Hazard. Wipe up small spills with an absorbent material.

**Environmental precautions:** For large spills, pick up with a vacuum or an absorbent material. **Prevent runoff from entering sewers and public waterways**

**Methods and materials for containment and cleaning up:**

- Methods for containment: Contain with absorbent material. Place waste in appropriate waste container.
- Do not reuse empty container.
- Methods for cleaning up: Vacuum and/or absorbent material. Consult local, state, and federal regulations.

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## 7. Handling and storage

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**Precautions for safe handling:**

Avoid skin and excessive eye contact. Follow label directions carefully. Keep out of reach of children. Keep container tightly sealed when not in use. Do not contaminate water, food, or feed by use or storage.

**Conditions for safe storage, including any incompatibilities**

Storage: Store in a cool (**59-86F/15-30C**) dry location away from heat sparks and open flame. Do not use around ignition sources such as heat, sparks, open flame, etc. Do not smoke while using. Use with adequate ventilation.

**Incompatible products:**

None

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## 8. Exposure controls/personal protection

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**Control parameters- Exposure Controls:**

**Respiratory protection:** Not usually necessary.

Use with adequate ventilation. Use NIOSH/MSHA approved respirator if PELs or TLVs are exceeded

**Ventilation Local Exhaust:** Not usually needed

**Ventilation Mechanical (General):** Yes

**Eye/face protection:** Wear safety glasses for splash protection.

**Skin and body protection:** Rubber or Neoprene gloves.

**Other Protective Clothing or Equipment:** Not usually necessary. Avoid direct contact.

**Hygiene measures:** Normal. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.



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## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: Thick Paste  
Odor: Characteristic Odor  
Appearance: Pink in Color  
Odor threshold: N/A

Property	Values	Remarks/Method
pH	6.9 - 7.2	@ 25c
Melting point/range	N/A	
Boiling point/boiling range	N/A	
Flash point	Not Flammable	
Evaporation rate	N/A	
Flammability (solid, gas)	Not Flammable	
Flammability limits in air	Not Flammable	
-upper flammability limit	Not Flammable	
-lower flammability limit	Not Flammable	
Vapor pressure	N/A	
Vapor density	N/A	
Specific gravity	0.879 – 0.973	@ 25c
Water solubility	Not Soluble	
Solubility in other solvents	Soluble	
Partition coefficient: n-octanol/water	No Data	
Autoignition temperature	Not Flammable	
Decomposition temperature	No Data	
Viscosity	No Data	
Flammable properties	Not Flammable	
Explosive properties	Not Explosive	
Oxidizing properties	No Data	

### Other information

VOC content (%): No Data



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## 10. Stability and reactivity

**Reactivity**

Inert

**Chemical stability**

Stable

**Possibility of hazardous reactions**

None known

**Conditions to avoid**

None known

**Incompatible materials**

None known

**Hazardous decomposition products**

None known

## 11. Toxicological information

**Information on likely routes of exposure:**

Product information:

- Inhalation
- Eye contact
- Skin contact
- Ingestion

Chemical name	LD50 oral	LD50 dermal	LC50 inhalation
Table body			Table body
Table body			Table body
Table body			Table body
Table body			Table body

**Symptoms related to the physical, chemical and toxicological characteristics**

List symptoms: No Data available

**Delayed and immediate effects and also chronic effects from short and long term exposure**

- Sensitization: No Data available
- Mutagenic effects: Not Mutagenic
- Carcinogenicity: No Data available. Not listed as IARC Carcinogen. Not listed in the NTP report on carcinogens.
- Reproductive toxicity: No Data available
- STOT – single exposure: No Data available
- STOT – repeated exposure: No Data available
- Aspiration hazard: No Data available

**Numerical measures of toxicity – product:** No data available



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## **12. Ecological information**

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**Ecotoxicity:**

Non-Toxic

**Persistence and Degradability:**

Not rapidly degradable

**Bioaccumulation:**

No data available

**Other adverse effects:** Not determined

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## **13. Disposal considerations**

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**Waste disposal methods:**

Dispose of in-accordance with local, State and Federal regulations

**Contaminated packaging:**

Discard in appropriate container for disposal.



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## 14. Transport information

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**Notes: This Material is not regulated by DOT**

**DOT**

- |                        |                                     |
|------------------------|-------------------------------------|
| • UN-Number            | Non-Regulated Material              |
| • Proper shipping name | Chamosyn Ointment With Manuka Honey |
| • Hazard class         | Non-Hazardous                       |

**TDG**

- |                        |                                     |
|------------------------|-------------------------------------|
| • UN-Number            | Non-Regulated Material              |
| • Proper shipping name | Chamosyn Ointment With Manuka Honey |
| • Hazard class         | Non-Hazardous                       |

**MEX**

- |                        |                                     |
|------------------------|-------------------------------------|
| • UN-Number            | Non-Regulated Material              |
| • Proper shipping name | Chamosyn Ointment With Manuka Honey |
| • Hazard class         | Non-Hazardous                       |

**ICAO**

- |                        |                                     |
|------------------------|-------------------------------------|
| • UN-Number            | Non-Regulated Material              |
| • Proper shipping name | Chamosyn Ointment With Manuka Honey |
| • Hazard class         | Non-Hazardous                       |

**IATA**

- |                        |                                     |
|------------------------|-------------------------------------|
| • UN-Number            | Non-Regulated Material              |
| • Proper shipping name | Chamosyn Ointment With Manuka Honey |
| • Hazard class         | Non-Hazardous                       |

**IMDG/IMO**

- |                        |                                     |
|------------------------|-------------------------------------|
| • UN-Number            | Non-Regulated Material              |
| • Proper shipping name | Chamosyn Ointment With Manuka Honey |
| • Hazard class         | Non-Hazardous                       |

**RID**

- |                        |                                     |
|------------------------|-------------------------------------|
| • UN-Number            | Non-Regulated Material              |
| • Proper shipping name | Chamosyn Ointment With Manuka Honey |
| • Hazard class         | Non-Hazardous                       |

**ADR**

- |                        |                                     |
|------------------------|-------------------------------------|
| • UN-Number            | Non-Regulated Material              |
| • Proper shipping name | Chamosyn Ointment With Manuka Honey |
| • Hazard class         | Non-Hazardous                       |

**ADN**

- |                        |                                     |
|------------------------|-------------------------------------|
| • Proper shipping name | Non-Regulated Material              |
| • Hazard class         | Chamosyn Ointment With Manuka Honey |
| • Classification code  | Non-Hazardous                       |



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## 15. Regulatory information

### Interventional inventories

- TSCA – Substance not listed  Yes  No IECSC

### Legend

TSCA: United States Toxic Substances Control Act 8(b) inventory

### U.S. Federal regulations:

None

### SARA 311/312 Hazard categories

- Acute health hazard – None
- Chronic health hazard – None Known
- Fire hazard – Non-Combustible
- Sudden release of pressure hazard – No Hazard
- Reactive hazard – Inert, No Hazard

### Clean Water Act

This product **does not** contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### CERCLA

Chemical name	Hazardous substances RQs	Extremely hazardous substances RQs	RQ
Not Applicable			Table body
Table body			Table body
			Table body

### U.S. state regulations

California Proposition 65: This product **does not** contain any Proposition 65 chemicals.

### U.S. EPA label information

EPA Pesticide registration number: No EPA Registration



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## 16. Other information

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### Supplier address/information

Links Medical Products, Inc.  
9247 Research Drive  
Irvine, CA 92618  
Phone #: (949) 753-0001  
Toll Free #: 1-888-425-1149

Emergency telephone number: **1-888-425-1149**

<b>Prepared by:</b>	Eric Gardner - QA / Links Medical Products. Irvine, California.
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<b>Revision note:</b>	WIP Not Released

### General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Safety Data Sheet**