



Issuing date:

Revision date:

Revision number:

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

GHS product identifier

Product name: LIWANG "KENDAL" Alkaline Battery

Other mean of identification

Product code(s): **Ref. No.: LW2015011204**

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)

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

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.

5. Fire-fighting measures

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

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.

7. Handling and storage

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

8. Exposure controls/personal protection

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

Ecotoxicity:

Non-Toxic

Persistence and Degradability:

Not rapidly degradable

Bioaccumulation:

No data available

Other adverse effects: Not determined

13. Disposal considerations

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

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

Supplier address/information

Links Medical Products, Inc.
15979 North 76th Street, Unit D
Scottsdale, AZ 85260 USA
Phone #: (949) 753-0001
Toll Free #: (888) 425-1149

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

Prepared by:

Eric Gardner - QA / Links Medical Products. Irvine, California.

Issuing date:

WIP

Revision date:

12 / 30 / 2015

Revision note:

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