

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Trade name:
Product No:
Version: 1.0 / EN

Print date: 2020-07-16
Revision date: 2020-07-16

SECTION 1: Identification

Product identifier: Miaderm-L Radiation Relief

Application of the substance: Topical Analgesic

Product details: Cream 4 fl oz

Manufacturer:

Name: Lifetech Resources

Address: 700 Science Drive.
Moorpark, CA 93021

Information contact: Andrew Shearer

E-Mail (competent person): ashearer@lifetechresources.com

Telephone Number: 805.944.1199

SECTION 2: Hazards identification

OSHA/HCS Status: This mixture is not considered hazardous by the OSHA Hazardous Communication Standard (29CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Classification of the mixture: None

Hazard pictograms: N/A

Signal word: None

Hazard statements:
H302 Harmful if swallowed.

Precautionary statements:
P233 Keep container tightly closed.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P404 Store in a closed container.

SECTION 3: Composition/information on ingredients

Chemical nature: Cream Emulsion

Hazardous ingredients:

Substance	CAS #	EC No.	Conc.	Classification [Regulation (EC) No. 1272]
Lidocaine HCL	6108-05-0	200-803-8	4%	Acute Tox. 3

Additional information: There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence reporting in this section.

SECTION 4: First aid measures

Description of first aid measures

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General information: Check vital functions. Prevent cooling by covering the victim. Keep watching victim. Give physiological aid. Keep victim calm, avoid physical strain. Never give alcohol to drink.

Following inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Following skin contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes.

Following eye contact: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

Following ingestion: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

Most important symptoms and effects, both acute and delayed

Potential acute health effects

Inhalation: No known effects of critical hazards

Skin contact: No known effects of critical hazards

Eye contact: No known effects of critical hazards

Ingestion: No known effects of critical hazards

Over exposure signs and symptoms

Inhalation: No known effects of critical hazards

Skin contact: No known effects of critical hazards

Eye contact: No known effects of critical hazards

Ingestion: No known effects of critical hazards

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None

Special hazards arising from the mixture: In a fire if heated, a pressure increase may occur and the container may burst. Vapors may form explosive mixtures with air.

Hazardous combustion products: Carbon Oxides

Protective equipment for fire fighters: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in a positive pressure mode.

Flash point: > 100°C (Calculated)

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through the spilled material. Put on appropriate personal protective equipment.

Protective equipment: None under normal use conditions

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Emergency procedures: Keep upwind. Mark the area of release. Consider evacuation if necessary. Wash any contaminated clothing.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions: Avoid dispersal of spilled material and runoff and contact soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, air).

Methods and material for containment and cleaning up

Methods for containment: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulation.

Additional information: See Section 1 for contact information and Section 13 for waste disposal.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling: Keep container closed when not in use.

Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container closed, dry and at a reasonable temperature.

Materials to avoid: None

Specific end uses: Personal Care/Cosmetics

SECTION 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits:

N/A	N/A	N/A
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Environmental exposure controls: Environmental guidelines are not relevant when product is used as intended in a household setting.

Consumer exposure control: Exposure guidelines are not relevant when product is used as intended in a household setting.

Personal protective equipment

Eye Protection: No special protective equipment required

Hand Protection: No special protective equipment required

Skin and Body Protection: No special protective equipment required

Respiratory Protection: No special protective equipment required

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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical/Chemical Property	Value/Range	Remark
Physical state @ 20°C		
Appearance	Cream	
Color	Off-White	
Odor	Characteristic	Match to standard
pH	4.0 – 5.0	
Melting point/freezing point (°C)	N/A	
Boiling point/boiling range (°C)	N/A	
Flash point (°C)	> 100	
Evaporation rate	N/A	
Flammability (solid, gas)	N/A	
Flammability limits		
Upper flammability limits (%)	N/A	
Lower flammability limits (%)	N/A	
Vapor pressure (mmHG)	N/A	
Vapor density (Air)	N/A	
Relative density (SG)	0.93 – 1.03	
Solubility (H ₂ O)	N/A	
Partition coefficient: n-octanol/water	N/A	
Auto-ignition temperature	N/A	
Decomposition temperature	N/A	
Viscosity		
Dynamic Viscosity (cP)	15k – 40k	

SECTION 10: Stability and reactivity

Reactivity: Not classified as a reactivity hazard.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Heat, cold, direct sunlight

Incompatible materials: Oxidizing agents

Hazardous decomposition products: Carbon Dioxide, Carbon Monoxide

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SECTION 11: Toxicological information

Information on toxicological effects

Likely routes of exposure: Skin and eye contact

Acute toxicity

Classification: Not classified based on available information

Skin corrosion/irritation

In-vitro skin test: No information available.

Classification: Not classified based on available information

Eye damage/irritation

In vitro eye test: No information available.

Classification: Not classified based on available information

Sensitization to the respiratory tract

Classification: Not classified based on available information

Skin sensitization

Classification: Not classified based on available information

Germ cell mutagenicity

In vitro mutagenicity: No information available.

Classification: Not classified based on available information

Carcinogenicity

Classification: Not classified based on available information

Reproductive toxicity

Classification: Not classified based on available information

Specific target organ toxicity (single exposure)

Classification: Not classified based on available information

Specific target organ toxicity (repeated exposure)

Classification: Not classified based on available information

Aspiration hazard

Classification: Not classified based on available information.

Symptoms related to the physical, chemical and toxicological characteristics:

Effects after ingestion: No Known Effects.

Effects after skin contact: No Known Effects.

Effects after inhalation: No Known Effects.

Effects after eye contact: No Known Effects.

Chronic Symptoms: No Known Effects.

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SECTION 12: Ecological information

Toxicity

Classification: Not classified based on available information

Persistence and degradability

Classification: Not classified based on available information

Bio-accumulative potential

Classification: Not classified based on available information

Mobility in soil

Classification: Not classified based on available information

SECTION 13: Disposal considerations

Waste treatment methods

Product disposal: Disposal of this product, solutions and any byproducts should at all times comply with the requirements of the environmental protection and waste disposal legislation and any regional local authority. This material and its container must be disposed of in a safe way.

Packaging: Waste packaging should be recycled. Empty containers or liners may retain some product residues.

Waste treatment options: Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Other disposal recommendations: Dispose of the surplus and non-recyclable products via a licensed waste disposal contractor. Incineration or landfill should only be considered when recycling is not feasible.

Additional information: The generation of waste should be avoided or minimized wherever possible. Avoid dispersals of spilled material and runoff and contact with soil, waterways, drains and sewers.

California Hazardous Waste Codes: 612
(Non-household setting)

SECTION 14: Transport information

	DOT	IMDG	IATA-DGR
UN Number	Not Regulated	Not Regulated	Not Regulated
UN Proper Shipping name			
Transport hazard Class(es)			
Hazard label(s)			
Packing Group			

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Environmental Hazards			
Additional Information			

Special precautions for user: None

SECTION 15: Regulatory information

U.S. Federal regulations:

TSCA 8(d) H and S data reporting: Not applicable

SARA 302/304: Not applicable

SARA 311/312: Not applicable

SARA 313: Not applicable

National regulations: No additional information available

EU regulations: No additional information available

Other EU regulations: No additional information available

VOC content (% by w/w): Not applicable

US State RTK regulations: Not applicable

California Proposition 65: Not applicable

SECTION 16: Other information

Classification for mixtures according to regulation (EC) 1207/2008

Risk phrases:
 R36 Irritating to eyes.

Safety phrases:
 S07 Keep container tightly closed.

Supplemental Hazard information:
 N/A

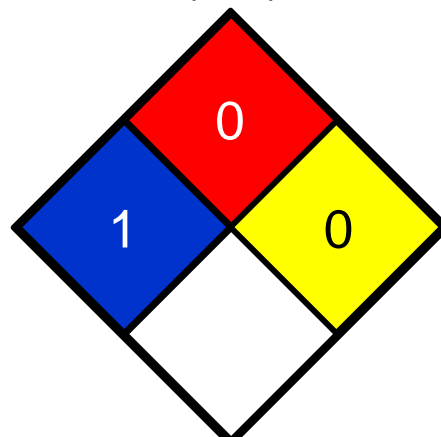
Further information: none

Indication of changes: initial

**Hazardous Materials Identification System
(HMIS)**

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	0

**National Fire Protection Association
(NFPA)**



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Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Blue: Health hazard Red: Fire hazard Yellow: Reactivity hazard White: Special hazard

Abbreviations and acronyms:

ADN =	European Agreement concerning the International Carriage of Dangerous Goods by Waterway	IMDG =	International Marine Dangerous Goods
ADR =	European Agreement concerning the International Carriage of Dangerous Goods by Road	LogPow =	Logarithm of the Octanol/Water partition coefficient
ATE =	Acute Toxicity Estimate	MARPOL 73/78 =	International Convention on the Prevention of Pollution from Ships
BCF =	Bio-concentration Factor	PEL =	Permissible Exposure Limits
BEI =	Biological Exposure Limits	REL =	Recommended Exposure Limits
DOT =	Department of Transportation	RID =	European Agreement concerning the International Carriage of Dangerous Goods by Rail
GHS =	Globally Harmonized System of Classification and Labeling of Chemicals	STEL =	Short-Term Exposure Limits
IATA =	International Air Transport Association	TLV =	Threshold Limit Values
IBC =	Intermediate Bulk Container	TWA =	Time Weighted Average
ICAO =	International Civil Aviation Organization	UN =	United Nations
IDLH =	Immediately Dangerous		

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or the completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.