

Material Safety Data Sheet

Pharmaloz
Manufacturing, Inc.

Cherry Menthol and Melaleuca®

1. Product and company identification

Product name : Menthol Lozenges Cherry Flavor

Supplier/Manufacturer : ProPhase Labs, Inc. dba Pharmaloz Manufacturing, Inc.
500 N. 15th Avenue
Lebanon, PA 17046
Phone: 717-274-9800

Recommended use : Cough relief - Vitamin C 15mg-30mg/Menthol 6.3mg-8.8 mg/loz.

Updated : 12/8/2014

Revision : 1

In case of emergency : 1-800-422-6844

Hazardous Material :

Health	1
Flammability	0
Physical Hazards	0

Information System (U.S.)

2. Hazards identification

Physical state : Solid

OSHA/HCS status : This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Emergency overview : No known hazards

Routes of entry : Ingestion, for oral use only

Acute health effects

Inhalation : None

Skin : None

Eyes : None

Chronic health effects

Chronic effects	: None known
Carcinogenicity	: No known effects or critical hazards
Target organs	: N/A
Medical conditions	: N/A
aggravated by overexposure	

3. Composition/information on ingredients

Name	CAS number
Ascorbic Acid	50-81-7
Menthol	2216-51-5
Oil of Melaleuca (if applicable)	68647-73-4
Sodium Ascorbate	N/A

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

4. First aid measures

Eye contact	: Check for and remove any contact lenses. Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if piece or shard cannot be removed via rinsing.
Skin contact	: No known hazard
Inhalation	: No known chemical hazard. Choking or inhalation of pieces may occur as a physical hazard. Seek immediate medical attention.
Protection of first-aiders	: No action shall be taken involving personal risk without training.
Notes to physician	: No known delayed adverse effects or cumulative dosage.

5. Fire-fighting measures

Flammability of product : No specific fire or explosion hazard.

Special exposure hazards : Promptly isolate the area and remove all persons from the vicinity in case of fire. No action shall be taken involving any personal risk without suitable training.

Hazardous thermal decomposition : Decomposition products may include the following materials:
Carbon dioxide

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment for general fire containment. Chemical extinguishers must be used.

6. Accidental release measures

Personal precautions : No personal hazards from finished product.

Environmental precautions : Avoid mass release of material in runoff and contact with soil, waterways, drains, and sewers. Dispose of as food product.

Methods for clean-up : Vacuum or sweep material and place in a waste receptacle.

7. Handling and storage

Handling : No special precautions necessary for handling of product.

Storage : Store in a cool, dry area away from direct sunlight, inhibited ventilation, and humidity to ensure longevity of shelf-life.

8. Exposure controls / personal protection

Occupational exposure limits

Ingredient	Exposure limit
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Ascorbic Acid	OSHA Permissible Exposure Limit (PEL) 15mg/m ³ dust
Sodium Ascorbate Menthol Crystals Oil of Melaleuca (if applicable)	No exposure limit. Use with general ventilation to avoid excessive inhalation.

There are no exposure limits on contact with finished product.

Recommended monitoring

procedures

: This product contains ingredients with exposure limits. Personal, workplace atmosphere and biological monitoring procedures are in use to determine the effectiveness of ventilation and control measures.

Hygiene measures

: Wash hands, forearms and face thoroughly after handling active ingredients, before eating, smoking, using the lavatory, and the end of the working period. Remove contaminated clothing. Eyewash stations should be near exposure locations.

Personal protection

Respiratory

: If a risk assessment indicates as necessary, use a properly fitted respirator with an approved standard. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe limits of the respirator.

Hands

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products or raw materials.

Recommended: Nitrile, rubber.

Eyes

: Safety eyewear complying with an approved standard should be worn to limit liquid splashing, mist, or dust when necessary.

Recommended: ANSI safety glasses.

Skin

: Personal protective equipment for the body should be selected based on task.

Environmental exposure

controls

: No hazardous emissions occur from production of product.

Personal protective



equipment (Pictograms) :

9. Physical and chemical properties

Physical state	: Solid.
Flashpoint	: N/A
Color	: Bright Red, translucent.
Odor	: Sweet.
pH	: 3.75
Boiling/condensation pt.	: Not available.
Melting/freezing pt.	: Not available.
Weight	: Approximately 4.5g.
Vapor Density	: N/A
Odor threshold	: N/A
Solubility	: Easily soluble in water.

10. Stability and reactivity

Chemical stability	: Product is stable.
Conditions to avoid	: No specific data.
Materials to avoid	: No specific data.
Hazardous decomposition	: N/A
Hazardous reactions	: Non-occurring.

11. Toxicology information

Acute toxicology

Ascorbic Acid: Oral, rat LD50 = 11900mg/kg in toxicological studies.

Carcinogenicity

No listed active ingredients are known or suspected carcinogens at finished product levels.

12. Ecological information

Ecotoxicity : No known significant events or hazards.

Aquatic ecotoxicity : None known.

13. Disposal considerations

Waste disposal : The generation of waste should be minimized where possible. Dispose of mass amounts of surplus raw materials via a licensed waste removal contractor. Dispose of finished product waste as food product.

Disposal will be in accordance with applicable regional, national and local laws and regulations.

14. Transport information

DOT/TDG: Refer to the Bill of Lading/receiving documents for up to date shipping information.

15. Regulatory information

United States

U.S. Regulations : TSCA inventory: Ascorbic Acid

SARA 313 : None identified

State regulations : None identified

California Prop. 65 : No components listed

Canada

WHMIS (Canada) : Uncontrolled

NPRI Canada : None identified

International regulations : N/A

16. Other information

Hazardous Material

Information System (U.S.A.) :

Health	1
Flammability	0
Physical Hazards	0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. The customer is responsible for determining the PPE code for this material.

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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 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.