

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Ball Liniment**  
 Chemical Name: Chemical Mixture  
 Chemical Family: Mixture  
 Formula: Proprietary  
 Cas Number: Mixture

**DISTRIBUTED BY:**  
 Jacks Manufacturing Inc.  
 2250 Kenskill Ave.  
 Washington Court House, Ohio 43160  
 Information: (877)-335-5121

**MANUFACTURED BY:**  
 Tenda Horse Products, LLC.  
 P.O. Box 614  
 Mount Vernon, Ohio 43050

Prepared By: Health, Safety, and Environmental

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS

Components Not Listed are Trade Secrets In Accordance with OSHA 29 CFR 1910.1200

Component / CAS	Percent	ACGIH Short Term Exposure Limit (STEL) value:	OSHA Short Term Exposure Limit (STEL) value:
Isopropyl Alcohol 67-63-0	70% - 90%	500 ppm STEL; 1230 mg/m3 STEL	400 ppm TWA; 980 mg/m3 TWA
Isobornyl Acetate 125-12-2	0 - 1%	NA	NA
Acetone 67-64-1	0 - 2%	750 ppm (STEL)	1000 ppm (TWA) PEL
Salicylic Acid 69-72-7	5% - 15%	NA	NA
Menthol 2216-51-5	0 - 2%	NA	NA
Benzoic Acid 65-85-0	0 - 2%	NA	NA
Thymol 89-83-8	0 - 2%		NA

#### NON-HAZARDOUS COMPONENTS

Wormwood Oil 8008-93-3	0 - 2%	NA	NA
Proprietary Ingredients	1 - 10%	NA	NA

### 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** May cause irritation to eyes, skin, and respiratory tract. Avoid contact with eyes. Flammable.

#### Effects from Exposure:

**INGESTION:** Not expected to be a route of entry. Mucosal irritations. May cause an allergic reaction. May cause sensitization. May cause severe gastric disturbances.

**SKIN CONTACT:** May cause mild skin irritation.

**INHALATION:** May cause irritation to respiratory tract.

**EYE CONTACT:** May cause moderate eye irritation. Vapor and/or liquid causes irritation.

**MEDICAL CONDITIONS AGGRAVATED:** Preexisting eye, skin, and respiratory disorders may be aggravated.

**CHRONIC EFFECTS/CARCINOGENICITY:** No information at this time.

**PRODUCTS/INGREDIENTS:** No information at this time.

**PRINCIPLE ROUTES OF EXPOSURE:** Dermal - skin.

**OTHER:** No information at this time.

### 4. FIRST AID MEASURES

**INGESTION:** Do not induce vomiting unless directed to by authorized medical personnel. In case of accidental ingestion, call a physician.

**SKIN:** Wash with soap and water. Consult physician.

**INHALATION:** This material is not likely to be hazardous by inhalation. If breathing is difficult, seek medical attention.

**EYES:** Flush eyes thoroughly for 15 minutes with water. Consult Physician.

**NOTE TO PHYSICIAN:** Treatment based on sound judgment of physician and individual reactions of patient.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE LIMITS IN AIR (%):** Limits not established

**SENSITIVITY TO MECHANICAL IMPACT (Y/N):** NO

**SENSITIVITY TO STATIC DISCHARGE:** Sensitivity to static discharge is not expected.

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, Sand, Foam, ABC, or Water Spray

**SPECIAL FIREFIGHTING PROCEDURES:** Avoid inhalation of smoke and fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Apply absorbent granules, and dispose in accordance with Federal, State and Local Regulations

## 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Avoid contact with eyes. Protect container from physical abuse. Position containers so that any labeling is visible. This product is flammable. Use in a well ventilated area. Store unused products in flammable storage areas as following OSHA and NFPA guidelines.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** None known.

**RESPIRATORY PROTECTION EQUIPMENT:** None required under normal conditions.

**PROTECTIVE GLOVES:** Latex, or Nitrile Optional

**EYE AND FACE PROTECTION:** None Required

**OTHER PROTECTIVE EQUIPMENT:** None known.

**VENTILATION:** None known.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** ..... Not Determined

**Vapor Pressure:** ..... N/A

**VAPOR DENSITY (AIR=1):** ..... N/A

**Flash Point** ..... 21 C

**MELTING POINT/FREEZE POINT:** ..... N/D

**PHYSICAL STATE:** ..... Cream

**ODOR:** ..... Menthol

**COLOR:** ..... Amber

**ODOR THRESHOLD (PPM):** ..... N/A

**% VOLATILE BY VOLUME:** ..... N/A

**EVAPORATION RATE:** ..... N/A

**SPECIFIC GRAVITY (WATER=1):** ..... .94-1.05

**ACID/ALKALINITY (MEQ/G):** ..... Not Determined

**PH:** ..... N/D

**SOLUBILITY IN WATER (20°C):** ..... SOLUBLE

**SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):** . NOT DETERMINED

## 10. STABILITY AND REACTIVITY

**STABILITY:** Generally considered stable.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:** Carbon dioxide. Carbon monoxide. Oxides of sulfur.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids, bases, and oxidizing agents.

**CONDITIONS TO AVOID:** Protect from temperature extremes (<0°C, >50°C)

## 11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD50 (MG/KG): Low order of acute toxicity predicted.  
ACUTE DERMAL LD50 (MG/KG): NOT DETERMINED  
ACUTE INHALATION LC50 (MG/L): NOT DETERMINED  
OTHER: None.  
AMES TEST: Not Applicable

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: None Available.  
CHEMICAL FATE INFORMATION: None Available.

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with applicable local, county, state and federal regulations.

## 14. TRANSPORT INFORMATION

DOT Shipping Name: Flammable Liquid NOS(Isopropyl Alcohol, Acetone) PGII / ORM-D  
DOT HAZARD CLASS: 3  
DOT LABEL(S): Flammable Liquid  
UN/NA NUMBER: UN1993  
IATA: Available upon request  
IMO IMDG-code: Available upon request

## 15. REGULATORY INFORMATION

TSCA STATUS: All components of this product are listed on the TSCA Inventory.  
SARA SECTION 302: None Found  
SARA (311, 312) HAZARD CLASS: Acute Hazard, Flammable  
SARA (313) CHEMICALS: None  
NEW JERSEY RIGHT TO KNOW: Information available upon request.  
CA PROP 65: Information available upon request.  
PENNSYLVANIA RIGHT TO KNOW: Information available upon request.  
HMIS: HEALTH 2 , FLAMMABILITY 3 , REACTIVITY 1  
NFPA: Not Determined

## 16. OTHER INFORMATION

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