

## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **McTarnahans Nebulizer Solution**  
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:
Isobornyl Acetate 125-12-2	0 – 1%	NA	NA
Methyl Paraben 99-76-3	0 – 1%	NA	NA
Menthol 2216-51-5	0 – 1%	NA	NA
Propyl Paraben 94-13-3	0 – 1%	NA	NA
Polysorbate 80 9006-65-6	0 – 1%	NA	NA
Fir Needle Oil 8021-28-1	0 – 1%	NA	NA

### 3. HAZARDS IDENTIFICATION

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

#### 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. Use in well ventilated areas

**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.

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

**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:** CO2, 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. Use in a well ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use in well ventilated area.

**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**.....Unknown

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

**PHYSICAL STATE:**.....Liquid

**ODOR:**.....Menthol/Pine

**COLOR:**.....Clear

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

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

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

**SPECIFIC GRAVITY (WATER=1):**.....Apx. 1.0

**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, >35°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:** **Propyl Paraben:** ORAL (LD50): Acute: 7500 mg/kg [Mouse].  
**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:** Not Regulated

## 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  
**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 1 , FLAMMABILITY 0 , REACTIVITY 0  
**NFPA:** Not Determined

## 16. OTHER INFORMATION

### Additional Information:

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