

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: *Tincture of Benzoin Pump Sprayer*

Chemical Formula: N/A

CAS Number: N/A

Other Designations: N/A

General Use: Topical

Manufactured For: Smith & Nephew, Inc. 970 Lake Carillon Drive, Suite 110, St. Petersburg, FL 33716 **Phone:** 1 800 876-1261

Date Reviewed: August 6, 2009

Section 2 - Composition Information on Ingredients

Ingredient Name	CAS Number	%wt or % Vol
Isopropyl Alcohol	67-63-0	Proprietary
Styrax Benzoin Gum	9000-05-9	Proprietary
Water	7732-18-5	Proprietary

Section 3 - Hazards Identification

★★★★★Emergency Overview★★★★★

HMIS	
H	2
F	3
R	0
PPE	0

Potential Health Effects

Primary Entry Routes: Inhalation, Eyes, Skin, Ingestion

Target Organs: N/A

Acute Effects

Inhalation: Exposure to high air concentrations may cause mild irritation to nose and throat. Drowsiness, headache, and mild narcosis can occur from inhalation.

Eye: Exposure to high air concentrations may cause mild irritation to eyes.

Skin: None Known

Ingestion: Ingestion may cause drowsiness, burning of the gastrointestinal tract, and death. Ingestion may cause gastrointestinal pain, cramps, nausea and vomiting.

Carcinogenicity: This material is not known to have carcinogenic properties.

Medical Conditions Aggravated by Long-Term Exposure: Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product. Impaired function from pre-existing disorders may be aggravated by exposure to this product.

Chronic Effects: None Known

Section 4 - First Aid Measures

Inhalation: Remove victim to fresh air. If victim is not breathing, give artificial respiration.

Eye Contact: Flush eyes (including under lids) with copious amounts of water for at least 15 minutes.

Skin Contact: No First Aid should be needed.

Ingestion: Do not induce vomiting. Contact the poison control center or a physician immediately for instructions.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Special Precautions/Procedures: None.

Section 5 - Fire-Fighting

Flash Point: 53°F / 11.7°C

Flash Point Method: TCC

Burning Rate: N/A

Autoignition Temperature: Not determined

LFL (% vol. in air): 2.5

UFL (% vol. in air): 12

Flammability Classification: Class IB Flammable Liquid

Extinguishing Media: Carbon Dioxide, Dry Chemical, Alcohol Foam

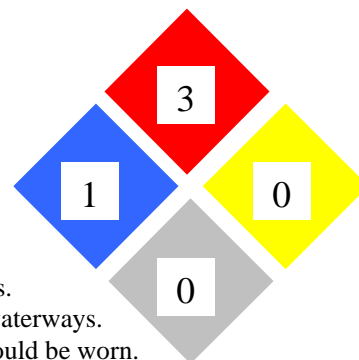
Unusual Fire or Explosion Hazards: Vapors are heavier than air and may travel a considerable distance to an ignition source and flashback.

Hazardous Combustion Products: Carbon Monoxide and unidentified organic compounds.

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Self Contained Breathing Apparatus and protective clothing should be worn.

NFPA:



Section 6 - Accidental Release Measures

Spill /Leak Procedures:

Small Spills: Mop or wipe up

Large Spills

Containment: Dike spills to minimize contamination and contain material

Cleanup: Remove all sources of heat and ignition. Absorb with sand or vermiculite. Ventilate area to dissipate vapors.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Handling Precautions: None known for normal use

Storage Requirements: Store in a cool dry place ($\leq 77^{\circ}\text{F}$ / 25°C) that is away from oxidizers, heat, sparks, and open flames.

Regulatory Requirements: None known for normal use

Section 8 - Exposure Controls / Personal Protection

Engineering Controls: None required

Ventilation: General ventilation recommended

Administrative Controls: None required for normal use

Respiratory Protection: When working with small quantities in a well-ventilated area, respiratory protection may not be required.

Protective Clothing/Equipment: When working with small quantities in a well-ventilated area, protective clothing / equipment may not be required.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State: Liquid

Appearance and Odor: Transparent, amber in color with characteristic odor.

Water Solubility: Miscible

Odor Threshold: Not determined

Vapor Pressure (mm Hg @ 68°F): 32 (IPA)

Vapor Density (Air=1): 2.1 (IPA)

Formula Weight: N/A

Density: Not determined

Specific Gravity (H₂O=1, at 25° C): 0.85

pH: Not determined

Other Solubilities: Not determined

Boiling Point: 180°F (IPA)

Freezing/Melting Point: Not determined / -127°F (IPA)

Viscosity: Not determined

Refractive Index: Not determined

Surface Tension: Not determined

% Volatile: 93%

Evaporation Rate (nBuAc=1): 1.4 (IPA)

Section 10 - Stability and Reactivity

Stability: Stable

Conditions to Avoid: Excessive heat, open flames and ignition sources

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: Strong oxidizing agents

Hazardous Decomposition Products: Oxides of carbon

Section 11 - Toxicological Information

Toxicity Data

Eye Effects: None Known

Chronic Effects: None Known

Skin Effects: None

Carcinogenicity: None Known

Acute Inhalation Effects: None Known

Mutagenicity: None

Acute Oral Effects: None Known

Teratogenicity: None Known

Section 12 - Ecological Information

Ecotoxicity: Not determined

Environmental Fate: Not determined

Environmental Degradation: Not determined

Soil Absorption/Mobility: Not determined

Section 13 - Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

Disposal Regulatory Requirements: Contact licensed waste disposal company for disposal regulatory requirements

Container Cleaning and Disposal: Burn waste liquid in an approved incinerator or dispose of via a licensed waste disposal company.

Section 14 - Transport Information

Flammable liquid n.o.s. UN1993

Section - 15 Regulatory Information

EPA Regulations: None known for normal use

OSHA Regulations: None known for normal use

State Regulations: May vary from state to state

Section 16 - Other Information

Additional Hazard Rating Systems: None Known