

Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Tincture of Benzoin Aerosol

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

Section 2 - Composition Information on Ingredients

Ingredient Name	CAS Number	%wt or % Vol
Isobutane	75-28-5	Proprietary
Propane	74-98-6	Proprietary
Isopropyl Alcohol	67-63-0	Proprietary
Sumatra Benzoin	9000-05-9	Proprietary
Water	7732-18-5	Proprietary

Section 3 - Hazards Identification

★★★★★Emergency Overview★★★★★

HMIS	
H	2
F	4
R	0
PPE	0

Potential Health Effects

Primary Entry Routes: Ingestion, Inhalation, Skin, Eyes

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: If conscious, give victim milk or water and induce vomiting. Contact a poison control center for further instructions.

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

Special Precautions/Procedures: None.

Section 5 - Fire-Fighting

Flash Point: Isopropyl Alcohol = 53°F (11.7°C) / Propellants = -156°F (-104.4°C) **NFPA:**

Flash Point Method: Isopropyl Alcohol = TCC / Propellants = OC

Burning Rate: Not determined

Autoignition Temperature: Not determined

LFL (% vol. in air): 2.2

UFL (% vol. in air): 9.5

Flammability Classification: Class IA Flammable Liquid

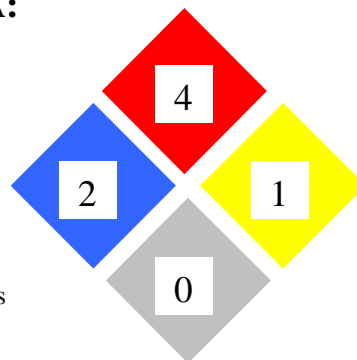
Extinguishing Media: Carbon Dioxide, Dry Chemical, Alcohol Foam

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

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.



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: Contents under pressure. Containers may explode if heated. When empty, do not puncture or incinerate container.

Storage Requirements: Store in a cool, dry area at temperatures below 120°F (48.9°C); and away from sources of heat, fire, & direct sunlight.

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: None required for normal use

Protective Clothing/Equipment: None required for normal use

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 aerosol

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

Water Solubility: Miscible

Odor Threshold: Not determined

Vapor Pressure (mm Hg): 22.6

Vapor Density (Air=1): 1.86

Formula Weight: N/A

Density: Not determined

Specific Gravity (H₂O=1, at 25° C): 0.85 (without propellants)

Other Solubilities: Not determined

Boiling Point: 180°F (Alcohol) / -44°F (propellant)

Freezing/Melting Point: Not determined / Not determined

Viscosity: Not determined

Refractive Index: Not determined

Surface Tension: Not determined

% Volatile: Not determined

pH: Not determined

Evaporation Rate (nBuAc=1): 2.5

Section 10 - Stability and Reactivity

Stability: Stable

Conditions to Avoid: Excessive heat, open flames, sparks 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: Contact licensed waste disposal company for proper disposal.

Section 14 - Transport Information

DOT Transportation Data: 49 CFR 171.8: Consumer Commodity ORM-D material

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

