



SAFETY DATA SHEET

Preparation Date: 11/27/2018 Revision Date: 11/27/2018 Revision Number: E1

1. IDENTIFICATION

Product identifier

Product code: BE115

Product Name: Belladonna Tincture, USP

Other means of identification

Synonyms: -----

CAS #: Mixture

RTECS #: Not applicable

CI#: Not available

Recommended use of the chemical and restrictions on use

Recommended use: Laboratory chemicals. Research and Development. Manufacture of substances.

Uses advised against No information available

Supplier: Spectrum Chemical Mfg. Corp

14422 South San Pedro St.

Gardena, CA 90248

(310) 516-8000

Order Online At: <https://www.spectrumchemical.com>

Emergency telephone number Chemtrec 1-800-424-9300

Contact Person: Tom Tyner (West Coast)

Contact Person: Ibad Tirmiz (East Coast)

2. HAZARDS IDENTIFICATION

Emergency Overview

Signal word(s):

Pictogram(s):

DANGER



Hazard statements:

Highly flammable liquid and vapor
Can burn with an invisible flame
Causes serious eye irritation
May cause respiratory irritation
May cause drowsiness or dizziness
May damage fertility or the unborn child
Causes damage to organs through prolonged or repeated exposure.

Precautionary statements:

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Keep away from heat, sparks, open flames, hot surfaces
No smoking
Ground container and receiving equipment
Use explosion-proof equipment

Use only non-sparking tools
Take precautionary measures against static discharge
Do not eat, drink or smoke when using this product
Wear protective gloves, protective clothing, eye protection, face protection
Do not breathe mist or vapors
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name: Belladonna Tincture, USP

Ingredient Name	CAS#	TWA (mg/cubic meter)	% by Weight
Belladonna Alkaloids	8007-93-0 (leaf)		3
Ethanol	64-17-5	1900	65 – 70
Water			Balance

CAS number: Mixture

EC number: Mixture

Formula: Mixture

Ingredients of unknown acute toxicity: None

4. FIRST AID MEASURES

General Advice: National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222. First aider needs to protect himself. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

After inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

After skin contact: Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention. If skin irritation persists, call a physician

After eye contact: Flush eyes with water for 15 minutes. Get medical attention if irritation occurs. If symptoms persist, call a physician.

After ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Consult a physician if necessary. Rinse mouth with water.

Information for doctor: Show this safety data sheet to the doctor in attendance.

Symptoms/effects; acute and delayed: See Sections 2 & 11.

Special treatment: No data available.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing agents: Water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Unsuitable extinguishing agents: No data available

Special hazards caused by the material, its products of combustion or resulting gases: Carbon oxides

Special fire fighting procedures: Wear self-contained breathing apparatus and fully protective fire fighting equipment/clothing if necessary.

Unusual fire and explosion hazard: No data available.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:

Wear respiratory protection. Avoid breathing vapors. Ensure adequate ventilation.

Measures for environmental protection: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Measures for cleaning/collecting:

Pick up and arrange for disposal without creating mists. Absorb with a suitable absorbent, sweep up and shovel. Keep in suitable, closed containers for proper disposal.

Additional information:

See Section 7 for information on safe handling

See Section 8 for information on personal protective equipment

See Section 13 for information on disposal

See Section 15 for regulatory information

7. HANDLING AND STORAGE

Information for safe handling: Avoid contact with skin and eyes. Avoid breathing. Provide appropriate exhaust ventilation.

Information about protection against explosions and fires: No data available.

Storage requirements to be met by storerooms and containers: Keep container tightly closed in a cool, dark, dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation requirements: Local exhaust, chemical fume hood

Components with exposure limits that require monitoring: None

Additional information: No additional data available

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be adhered to. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work. Avoid contact with the eyes and skin

Personal protective equipment

Respiratory protection: Filter-dust, fume, mist; respirator equipped with HEPA (Use only NIOSH or CEN approved Equipment)

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique.

Eye protection: Safety glasses, goggles

Skin protection: Completely covering work attire with full length apron

Additional protective equipment: Sufficient to prevent contact. Emergency eyewash and safety shower

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Color: Clear, colorless

Odor: Alcoholic

Odor threshold: Not determined

Molecular Weight (Calculated): N/A

pH: Not determined

Melting point/freezing point/range: -114 °C

Boiling point/range: 79 °C

Sublimation temperature/start: Not determined

Decomposition temperature: Not determined

Flammability (solid, gas): No data available

Flash point: 25.6 °C (78 °F)

Autoignition temperature: Not determined

Danger of explosion: Not determined

Flammable limits: No data available

Lower: Not determined Upper: Not determined

Vapor pressure (mm Hg): Not determined

Vapor density: Not determined

Specific gravity: 0.865

Bulk density: Not determined

Solubility in water: Soluble

Other solubility: Soluble in methanol, acetone

Partition coefficient n-octanol/water: Not determined

Insoluble in: No information

Other information: Not determined

Viscosity: Not determined

10. STABILITY AND REACTIVITY

Reactivity: Not determined

Chemical stability: Stable under recommended storage conditions

Possibility of hazardous reactions: Not determined

Conditions to be avoided: Not determined

Materials to be avoided: Strong oxidizing agents

Dangerous reactions: Not determined

Hazardous decomposition products: Carbon, nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Acute toxicity: LD50, mouse, oral = 3450 mg/kg (200 proof ethanol, bringing the ATE to >5000 mg/kg)

Irritation or corrosion of skin: No data available

Irritation or corrosion of eyes: No data available

Primary irritant or corrosive effect:

on the skin: No data available

on the eye: No data available

Sensitization: No data available

Potential health effects:

Inhalation: No data available

Ingestion: No data available

Skin: No data available

Eyes: No data available

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

Carcinogenicity: Known to the State of California

Reproductive Effects: Known to the State of California

Additional information: No data available

12. ECOTOXICOLOGICAL INFORMATION

Toxicity: No data available

Toxicity to fish: No data available

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available

Persistence and degradability: No data available

Biodegradability: No data available

Bioaccumulative potential:

Bioaccumulation: No data available

Mobility in soil: No data available

Other adverse effects: No data available

13. DISPOSAL CONSIDERATIONS

Recommendation: Consult state, local or national regulation for proper disposal

Allow professional disposal company to handle waste. Must be specially treated under adherence to official regulations

Contaminated packaging disposal: Disposal must be made as unused product and according to official regulations

14. TRANSPORT INFORMATION

Land transport DOT: UN1170, Class 3, Packing Group II, Ethanol solutions

15. REGULATORY INFORMATION

SARA Section 302 Extremely Hazardous components and corresponding TPQs: Not subject

SARA Section 311 / 312 hazards: No SARA Hazards

SARA Section 313 components: This product does not contain chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-to-know Act of 1986 and 40CFR372

California Proposition 65 components: Ethanol: Both reproductive effects and carcinogen warning

TSCA: Product is not listed on TSCA Inventory

16. OTHER INFORMATION

Preparation Date: 11/27/2018

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Prepared by: Ken Wiener

Disclaimer: All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet