

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product Brand: Footlogix®
Product Name: Spiraleen® Nail Tincture Spray
Formula No.: BFN08
Product Use: Toe Spray

Manufacturer: KvG Group Inc.
Address: 1 Westside Drive, Unit #12
Toronto, ON M9C 1B2
Canada
Phone: 1 (416) 742-1313

Emergency Phone:
(Only in the event of chemical emergencies involving spill, leak, fire, exposure, or accident involving chemicals. Call CHEMTREC, Day or Night.)
Domestic North America: 1 (800) 424-9300
International (Collect calls accepted): +1 703-527-3887

SECTION 2. HAZARD(S) IDENTIFICATION

Emergency Overview:

Hazard Pictogram:



Signal Word:

DANGER

Hazard Statements:

- H222: Extremely flammable aerosol Category 1
H280: Contains gas under pressure; may explode if heated

Precautionary Statements:

Prevention

- P210: Keep away from heat, sparks, open flames and hot surfaces. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Pressurized container: Do not pierce or burn, even after use.

Response: Not applicable.

Storage:

- P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Disposal: Not applicable.

Routes of entry: Skin contact; eye contact; inhalation; ingestion.

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SECTION 2. HAZARD(S) IDENTIFICATION (CONTINUED)

Potential Health Effects

Acute Effects:

- Eye: Direct contact may cause eye irritation, temporary redness, and discomfort.
- Skin: No significant irritation expected. Aerosol products contain propellant. Contact with propellant may cause frostbite.
- Inhalation: No significant irritation expected from a single exposure. May be harmful if inhaled. May be corrosive to respiratory passages. Aerosol products contain propellant. Avoid inhalation. High concentration of propellant may cause anesthesia or anoxia.
- Oral: Small amounts transferred to the mouth by fingers during use, etc. is not likely to cause harmful effects. Swallowing large amounts may be harmful and cause burns of the mouth, throat and stomach, discomfort, nausea, vomiting and diarrhea.

Prolonged/Repeated Exposure Effects:

- Chronic Exposure: For purposes of chronic exposure under the OSHA Hazard Communication Standard, these are untested mixtures. These products have been used extensively by consumers and no significant adverse effects have been noted when used normally.
- Target Organs: This product contains ethanol. Alcoholic beverage consumption has been associated with brain damage, heart damage, and pancreatitis in humans. The relevance of these findings to ethanol exposure in industrial environments is uncertain. Overexposure to ethanol has been suggested as a cause of the following effects in laboratory animals: Pancreatic damage, liver damage, brain damage, and testis damage. In humans overexposure has been suggested as a cause of the liver damage.
- Carcinogen Status: OSHA: No NTP: No IARC: No
- Skin: No evidence of harmful effects from available information.
- Inhalation: Aerosol products contain propellant. Avoid inhalation. High concentration of propellant may cause anesthesia or anoxia. May be corrosive to respiratory passages.
- Oral: Small amounts transferred to the mouth by fingers during use, etc. is not likely to cause harmful effects. Swallowing large amounts may be harmful and cause burns of the mouth, throat and stomach, discomfort, nausea, vomiting and diarrhea.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>CAS Number:</u>	<u>Weight (%):</u>	<u>Component Name:</u>
64-17-5	> 96%	SD Alcohol 40-B (Alcohol Denat.)
68476-86-8	< 30%	Aeron NP-46 [Weight %: n-Butane (74.14%) / Propane (25.86%)]
N/A	< 4%	Other Non-Hazardous Ingredients

Comments: Hazardous ingredients are listed if they comprise $\geq 1.0\%$ by weight. "Special Hazardous Substances or Carcinogens" are listed if they comprise $\geq 0.1\%$ by weight.

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SECTION 4. FIRST-AID MEASURES

Eye Contact:	Rinse with water to remove. Remove contact lenses, if used. Flush immediately with plenty of water for 15 minutes. Get medical attention if needed.
Skin Contact:	No first aid should be needed.
Inhalation:	Remove person to fresh air. Increase ventilation. Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias.
Ingestion (Oral):	Do not induce vomiting. Rinse out mouth with water. Contact Poison Control Center. If possible do not leave individual unattended.
Comments:	Always consult a physician. Treat according to person's condition and specifics of exposure.

SECTION 5. FIRE-FIGHTING MEASURES

Flash Point:	Approximately 63° F (17° C)
Auto-ignition Temperature:	No data available.
Flammability Limits in Air:	Contents under pressure. Do not puncture or incinerate. Aerosol containers can explode when heated, due to excessive pressure build-up. Do not store at temperatures above 122°F. Flammable. Do not use near fire, flame, or sparks. The container contains flammable ingredients and cans are pressurized with < 30% of extremely flammable liquefied gas. If cans are punctured, flammable gas and liquid will be released. Never use welding or cutting torch on or near cans (even empty) because product (even just residue) can ignite explosively. During fire, irritating or toxic decomposition products may be generated.
Extinguishing Media:	Water Mist/Fog, Carbon Dioxide, Alcohol Resistant Foam, and Dry Chemical.
Fire Fighting Procedures:	Self-containing breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Shut off all ignition sources. Move containers from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Use flooding amounts of water as fog. Cool product containers with flooding amounts of water from as far a distance as possible. Avoid breathing vapors; keep upwind. As with any containerized or pressurized chemicals, in the event of overheating or direct flame contact, evacuate the area to minimize hazard of potential explosion.
Unusual Fire Hazards:	Not expected.
Hazardous Decomposition Products:	Carbon oxides and traces of incompletely burned carbon compounds may be present.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with eyes.
Protective Equipment:	Refer to Section 8.
Emergency Procedure:	Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.
Methods for Containment & Cleanup:	Spills should be contained, solidified and placed in suitable containers for disposal in a licensed facility.

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SECTION 7. HANDLING AND STORAGE

Handling: **Flammable.** Do not use near fire, flame, or sparks. Do not store at temperatures above 122°F. Contents under pressure; do not puncture or incinerate; containers may violently rupture and travel a considerable distance. Do not place cans in trash compactor. Keep container closed. Aerosol containers can explode when heated, due to excessive pressure build-up. Cans are pressurized with < 30% of extremely flammable liquefied gas. If cans are punctured, flammable gas will be released. Keep out of reach of children. Avoid eye contact and prolonged skin contact. Provide sufficient ventilation.

Storage: Keep container closed and away from heat and flame sources. Since emptied containers retain product residues, all hazard precautions given in this SDS must be observed.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls:

Component Name (CAS #)	ACGIH TLV	OSHA PEL	NIOSH IDLH
SD Alcohol 40-B (64-17-5)	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m3	IDLH: 3300ppm TWA: 1000 ppm TWA: 1900 mg/m3
Propane (74-98-6)	TWA/STEL: Simple Asphyxiant	TWA: 1000 ppm	Not Established
n-Butane (106-97-8)	STEL: 1000 ppm	Not Established	Not Established

Engineering Controls: Eyewash Stations; Ventilation Systems; Showers

Personal Protection:

Eyes: Use proper protection.

Skin: Wear resistant gloves. To prevent repeated or prolonged skin contact wear impervious clothing and boots during handling of spills

Inhalation: Respirator is advised in the absence of proper ventilation.

Clothing: Impervious coverall or any protective suit is recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Clear Liquid	Melting / Freezing Point:	No data available
Packaging Configuration:	Aerosol	Boiling Point / Range:	No data available
Color:	Colorless to Light Yellow	Flash Point:	Approximately 63°F (17°C)
Odor:	Characteristic (Un-fragranced)	Partition Coefficient: (n-octanol/water)	No data available
pH	Not applicable	Vapor Pressure @ 25°C:	No data available
Viscosity:	Not applicable	Volatile Content:	> 96 %
Specific Gravity:	Approximately 0.8	Solubility in Water:	Partially soluble

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SECTION 10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Excessive heat, flames or sparks. Contents under pressure. Do not puncture or incinerate. Aerosol containers can explode when heated, due to excessive pressure build-up. Flammable: Do not use near fire, flame, or sparks. Do not store at temperatures above 122°F. Cans are pressurized with < 30% of extremely flammable liquefied gas. If cans are punctured, flammable gas will be released. Keep out of reach of children.
Incompatible Materials:	Acids or alkalies, acetyl compounds, Calcium Hypochlorite, and Strong oxidizing substances.
Hazardous Decomposition Products:	Carbon oxides and traces of incompletely burned carbon compounds may be present.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Product Information: This product is safe for its intended use based on: formulation; bulk, finished product, and stability testing results; and a long history of safe consumer use.

Chronic Toxicity:

Chronic Toxicity: No specific information is available.

Target Organ Effects: No specific information is available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Will not bio-concentrate in aquatic media.
Persistence and Degradability:	No specific information is available.
Bioaccumulative Potential:	No specific information is available.
Mobility in Soil:	No specific information is available.

SECTION 13. DISPOSAL CONSIDERATIONS

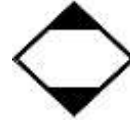
Waste Disposal:	Disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage. Do not discharge into waterways or sewer systems without proper state or local authorization.
Container Disposal:	Dispose in a licensed facility. Additionally, disposal should be in accordance with all applicable Local, State and Federal regulations. Precautions to be taken in handling and storage. Flammable. Do not use near fire, flame, or sparks. Do not store at temperatures above 122°F. Pressurized container. Do not puncture or incinerate. Cans are pressurized with <30% of extremely flammable liquefied gas. If cans are punctured, flammable gas will be released.
Other:	When product is properly discharged in low concentrations to biological wastewater treatment plants it should not cause any disturbances in the degradation activity of the activated sludge.

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SECTION 14. TRANSPORT INFORMATION

49 CFR / DOT:

Shipping description: Limited Quantity/Consumer Commodity. Exempt from regulation except when shipped by air. Intended for commercial transportation only.



Air / IATA:

Shipping description: ID 8000, Consumer Commodity, 9, Limited Quantity



Ocean/IMDG/IMO:

Shipping description: UN1950, Aerosols, 2.1, Limited Quantity

Canada / TDG:

Shipping description: UN1950, Aerosols, 2.1, Limited Quantity

SECTION 15. REGULATORY INFORMATION

TSCA: Exempt from TSCA chemical inventory listing requirements.

DSL/NDSL: Exempt from DSL/NDSL chemical inventory listing requirements.

SECTION 16. OTHER INFORMATION

Revision History:

Revision #:	Effective Date:	Reason:
0	04/09/15	Initial Revision
1	10/24/17	Update Section 2 and Section 9
2	02/25/19	Update Section 2 Hazard(s) Identification

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