

MATERIAL SAFETY DATA SHEET

SUCKER-STOPPER CONCENTRATE

Page 1 of 4

Issue Date: 4/08

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

SUCKER-STOPPER CONCENTRATE

EPA Reg. No. 5481-429-54705

Chemical Description: Ethyl 1-naphthaleneacetate.

TSCA/CAS No.: This product is a mixture — there is no specific CAS number.

Manufactured For

Lawn and Garden Products, Inc.

P. O. Box 35000

Fresno, CA 93745-5000

Emergency Phone Numbers

Emergency Telephone: DAYS: (559) 499-2100 EVES: (559) 435-2163

CHEMTREC (24-Hour Emergency Number): (800) 424-9300

EPA National Response Center: (800) 424-8802

SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
Ethyl 1-naphthaleneacetate	2122-70-5	15.1	N.A.*	N.P.*
Xylenes, mixed	1330-20-7	77.9	100 ppm	N.P.*

Exposure limits 8 hrs. TWA

* N.A. - Not Available.

* N.P. - Not Pertinent.

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Corrosive to the eye; causes skin irritation. Burning may produce sulfur oxides, carbon oxides, and other unknown vapors and fumes. D.O.T. regulated as a flammable, corrosive liquid.

HEALTH: 2 REACTIVITY: 0 FLAMMABILITY: 3 ENVIRONMENT: 1
(0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme)

SECTION 4. FIRST AID

Eyes: Immediately flush eyes with copious amounts of clear, cool running water for a minimum of 15 minutes. Hold eyelids apart during the flushing to ensure rinsing of the entire surface of the eyes and lids with water. Contact a physician, preferably an ophthalmologist, immediately. If there will be a delay getting to medical help, rinse the eyes an additional 15 minutes.

Skin: Immediately flush all affected areas with large amounts of clear water for at least 15 minutes. Remove contaminated clothing. Do not attempt to neutralize with chemical agents. Wash clothing before reuse. If skin irritation persists, contact a physician.

Ingestion: Immediately dilute the swallowed product by giving large quantities of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Contact a physician immediately.

Inhalation: Remove victim to fresh air. If breathing has ceased, clear the victim's airway and start mouth-to-mouth artificial respiration. If breathing is difficult, give oxygen. Contact a physician immediately.

Note to Physician: Treat symptomatically. If large amounts (> 1 mL/kg body weight) of the product have been ingested, the stomach should be evacuated by gastric intubation with the aid of a cuffed endotracheal tube to prevent aspiration of petroleum distillates.

SECTION 5.	FIRE AND EXPLOSION HAZARDS
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Flash Point:	> 75°F
Test Method:	TCC.
LEL Flammable Limits:	1%.
UEL Flammable Limits:	7%.
Autoignition Temperature:	> 932°F
Flammability Classification:	Flammable.
Known Hazardous Products of Combustion:	May include sulfur oxides, carbon oxides, and other unknown vapors and fumes.
Properties that Initiate/Contribute to Intensity of Fire:	Not known.
Potential For Explosion:	Not explosive upon mechanical impact. Due to presence of xylenes, product may explode in the presence of a static discharge. All containers need to be grounded.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential for Release of Flammable Vapors:	Upon combustion.
Unusual Fire & Explosion Hazards:	Not known.
Extinguishing Media:	Water spray, dry chemical, alcohol foam, or CO ₂ .
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6.	SPILLS AND LEAKS
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General:	Flammable– use sparkproof equipment. Remove all sources of ignition from the area. Use adequate ventilation. Cleanup personnel should wear respirators to prevent inhalation of mist.
Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation:	Not necessary. Keep bystanders upwind and away from the spill.

SECTION 7.	STORAGE AND HANDLING
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Storage:	Store in original container in a cool, dry, well-ventilated area. Protect against physical damage. Keep separate from fertilizers, seeds, insecticides or fungicides. Do not use or store near heat or open flame.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Keep out of reach of children. Avoid contact with eyes, skin and clothing. Avoid inhalation of mists/vapors. Wash thoroughly with water after handling.

SECTION 8.	PERSONAL PROTECTIVE EQUIPMENT
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Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling. An eyewash facility needs to be available.
Skin:	The following personal protective equipment (PPE) is required for use with this product — coveralls over long-sleeved shirt and long pants, chemical resistant gloves, and chemical resistant footwear plus socks.
Respiratory:	Not normally needed. A MSHA/NIOSH approved respirator fitted with organic vapor cartridges is required if the vapors cannot be controlled below the TLV by engineering controls.
Ventilation:	Local and/or general exhaust is recommended. See Section 2 for TLV.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Clear to light brown liquid.
Odor:	Aromatic solvent odor.
pH:	Not determined.
Vapor Pressure:	17.54 mm Hg.
Vapor Density (Air = 1):	Heavier than air.
Boiling Point:	282-292°F (138-144°C)
Freezing Point:	Not determined.
Water Solubility:	Emulsifiable.
Density:	7.53 lbs./gal.
Evaporation Rate:	Not determined.
Viscosity:	Not determined.
% Volatile by Volume:	78%
Octanol/Water Partition Coefficient:	Not determined.
Saturated Vapor Concentration:	Not determined.

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under normal use and storage conditions.
Conditions to Avoid:	Flammable. Keep away from sources of ignition.
Incompatibility:	Avoid strong bases and strong oxidizing agents.
Hazardous Decomposition Products:	Burning may result in the formation of carbon monoxide and unknown fumes and vapors.
Hazardous Polymerization:	Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTSAcute Effects:

Eyes:	Causes irreversible eye damage (Toxicity Category I).
Skin:	Slightly irritating (Toxicity Category IV). LD ₅₀ (rabbit): > 5000 mg/kg.
Ingestion:	LD ₅₀ (rat): 5585 mg/kg.
Inhalation:	LC ₅₀ (rat): > 217 mg/L (mist).
<u>Subchronic Effects:</u>	Excessive inhalation may cause coughing and difficulty with breathing. Ingestion may cause abdominal spasm and diarrhea. Aspiration may occur after inhaling this product and may result in chemical pneumonitis. Inhalation may cause respiratory tract irritation, dizziness, excitement, drowsiness, incoordination and staggering gait. Eye contact may cause irreversible damage. Skin contact may cause redness and swelling due to defatting of the skin. Severe cases of overexposure may cause central nervous system depression.

<u>Chronic Effects:</u>	Repeated inhalation exposure may lead to dizziness, weakness, weight loss, nervousness, plus pain and numbness in the limbs, and the symptoms listed above. Kidney and liver damage are possible.
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Medical Conditions

<u>Aggravated by Exposure:</u>	Persons with pre-existing skin disorders, impaired respiratory function, or a history of pulmonary disease should not be exposed to vapors. Pre-existing liver and kidney problems may be aggravated.
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SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition: Not known.
Toxicity to Fish and Invertebrates: Not known.
Toxicity to Plants: Not known.
Toxicity in Birds: Not known.

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

SECTION 14. TRANSPORTATION

D.O.T.: (for quarts and gallons) Flammable Liquid, Corrosive, N.O.S. (Xylene), 3 (8), UN 2924, PG III, Ltd. Qty.
Other Shipping Description: Inhibitors, Modifiers or Regulators, Plant Growth.
NMFC Item 101685, LTL Class 65

SECTION 15. REGULATORY INFORMATION

CERCLA: Xylenes, mixed – 100 lbs.

SARA TITLE III, Section 313 Toxic Chemicals: Xylene (CAS 1330-020-7).

PROPOSITION 65 (CA): None.

SECTION 16. OTHER

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice.