

MATERIAL DATA SAFETY SHEET

Hydrocarbon

Solutions, Inc.

SECTION 1: Product And Company Identification

Product Name: Dr. DoRight's Pest Control
Product ID#: PC641
Manufactured by: HydroCarbon Solutions, Inc.
General Information: (877) 536-7483

Bio-based Plant 25(b) Product / Pest Control
 150 Dorset Street, PMB 323
 Technical Assistance: (877) 536-7483

Emergency Contact: (888) 342 - 5326
 South Burlington VT. 05403-6256
Fax Number: (215) 291- 8265

Section 2: Composition / Information on Ingredients

Component	CAS #	LD50# (oral rat)	LD60#	% Wt.
Sodium Lauryl Sulfate	151-21-3	1288 mg/kg	NE	Prop.
Lemongrass oil	2007-02-1	NE	NE	Prop.
Garlic Oil	8000-78-0	850 mg/kg	NE	Prop.
Cedar oil	8000-27-9	5 mg/kg	NE	Prop.
Thyme Oil	8007-46-3	2840 mg/kg	NE	Prop.
Clove Oil	8000-34-8	3720 mg/kg	NE	Prop.
Peppermint Oil	8006-90-4	2426 mg/kg	NE	Prop.
Rosemary Oil	8000-25-7	5000 mg/kg	NE	Prop.
Hydrogenated Palm Oil	68514-74-9	2000 mg/kg	NE	Prop.
Filtered Water	7732-18-5	>99,999ml/kg	NE	Prop.
Coconut Oil	8001-31-8	NE	NE	Prop.
Glacial Acetic Acid	64-19-7	3310 mg/kg	NE	Prop.
Sodium Salt	2657-00-3	NE	NE	Prop.
Almond Oil	8007-69-0	NE	NE	Prop.
Citric Acid	77-92-9	NE	NE	prop.
Palm Oil	8002-75-3	NE	NE	Prop.

Section 3: Hazards Identification

Emergency Overview	
Appearance and Odor: Slightly Viscous Liquid, Amber or Green, Faint Garlic Odor	
No Known Hazards. As defined by OSHA's Hazard Communication Standard, this product is non-hazardous.	
Denotes Active Ingredients	Denotes Inactive Ingredients

Potential Health Effects:

See section 11 for toxicology and carcinogenicity on Product Ingredients.
 Eyes: No evidence of Adverse effect Skin and Skin Absorption: No evidence of Adverse effect
 Inhalation: No evidence of Adverse effect Potential Health Effects: No evidence of Adverse effect
 Ingestion: No evidence of Adverse effect Chronic Effects: No evidence of Adverse effect
 Medical Conditions Aggravated by Exposure: None Known

Section 4: First Aid Measures

EYES: No Evidence of Adverse Effects SKIN & SKIN ABSORPTION: No Evidence of Adverse Effects
 INHALATION: No Evidence of Adverse Effects POTENTIAL HEALTH EFFECTS: No Evidence of Adverse Effects
 INGESTION: No Evidence of Adverse Effects CHRONIC EFFECTS: No Evidence of Adverse Effects
 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known NOTE TO PHYSICIANS: No Specific Instructions

See Section 11 for Toxicology and Carcinogenicity information on product ingredients

Section 5: Fire Fighting Measures

Flammable Properties: As defined by OSHA, this product is non-flammable
 Flash Point: None (TCC) Autoignition Temperature: NE Explosion Sensitivity to Static Discharge.: None
 UEL: NA Explosion Sensitivity to Impact: None Products of Combustion: None
 LEL: NA Protection to Firefighters: No special Precautions needed.
 Suitable Extinguishing Media: This Material will not burn. Use extinguishing media appropriate for surrounding fire.

Section 6: Accidental Release Measures

Environmental Precautions: None required
 Personal Precautions: Evacuate the Area as the floor may be slippery. Use care to prevent Slips and Falls.
 Methods for Containment and Cleanup: Rinse area thoroughly with water. This product is safe to wash into waste systems.

Section 7: Handling and Storage

Handling procedures: No Special procedures needed.
 Storage Procedures: Store in a cool, well ventilated area. Avoid low temperatures.

Section 8: Exposure Controls / Personal Protection

Exposure Guidelines:	OSHA		ACGIH		OTHER	
	TWA	STEL	TWA	STEL	TWA	Source Unit
Filtered Water	NE	NE	NE	NE	NA	NA NA
All other components have Vacated values for exposure or hazard due to denaturing when added to the proprietary base compound						
NE=Not Established C= Ceiling S=Skin V= Vacated						

Section 9: Physical and Chemical Properties

Physical State: Liquid Freezing Point: 25° F
 Specific gravity: 1,001 Color: Amber or Green Evaporation Rate: NE
 Initial Boiling Point: 214° F Odor: Faint Odor Vapor Density: NE
 Solubility in Water: Complete pH: 9.7 Vapor Pressure: NE
 Volatile Organic Compounds: VOC levels of DDC by weight of the cleaner do not exceed 10% in accordance with 40 CFR parts 9 and 59
 Estimated tested amount per product = <1mm/Hg

Section 10: Stability and Reactivity

Possibility of Hazardous Reaction: None Known
 Stability: Stable Incompatible Materials: None Known Conditions to avoid: None Hazardous decomposition Products: None

Section 11: Toxicological Information

Irritancy of Product: None ACGIH (A1, A2 or A3): None Acute Exposure Effects: None
 IARC Monographs: None OSHA Regulated: No Embroyotoxicity: None Mutagenicity: None Chronic Effects: None Teratogenicity: None
 Skin Sensitization: None Respiratory Sensitization: None Reproductive Toxicity: None Name of Synergistic Product or Effect: None
 Carcinogenicity: This Product does not contain any known or suspected human carcinogens

Section 12: Ecological Information

Ecotoxicity / Aquatic Toxicity: None Persistence / Degradability: Readily Biodegradable

Section 13: Disposal Considerations

Chemicals contained are not listed as hazardous waste. Safe to wash into waste systems.
 Always dispose as per Federal, State or local regulations.

Section 14: Transport Information

Proper Shipping Description: US DOT: None PIN: None TDG: None Special Provisions: None

Section 15: Regulatory Information-U.S. Federal

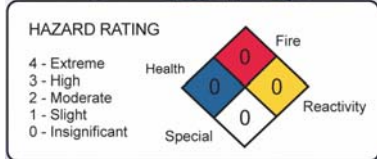
Toxic Substance Control Act: All ingredients are exempt.
 Comprehensive Environmental Response, Compensation and Liability Act (CIRCLA) Reportable Quantities (RQ's) for the following Ingredients: None
 Spills of any ingredient at or above the RQ level require an immediate notification of the National Response Center (800)424-8802 and Local Agencies
 Superfund Amendments Reauthorization ACT (SARA) Title III Section 302 Extremely Hazardous Substances (EHS): None Other Regulatory Info: None
 This product contains the following substances subject to SARA reporting (sections 311, 312 and 313) and 40 CFR part 372: None
 State regulations: This product contains NO harmful ingredients under California Prop 65 Safe drinking water and Toxic Enforcement Act: None

State Right To Know

Massachusetts: None New Jersey: None Pennsylvania: None Rhode Island: None Clean Air Act: None

Section 16: Other Information

(HMIS) Health: 0 Flammability: 0 Reactivity: None PPE: None
 Prop.: Proprietary **Keys to abbreviations:** TCC: Tags Closed Cup NE: Not Established
 CAS: Chemical Abstract Service NA: Not Applicable ppm: Parts per Million ml: Milliliter
 OSHA: Occupational Safety & Health Administration TLV: Threshold limit Value mg: Milligram
 PPE: Personal protective Equipment ND: Not Determined TWA: Time Weighted Average K: 1000
 PMCC: Pinsky-Martins Closed Cup g/L: Grams per liter lbs. / gal: Pounds per Gallon Kg: Kilogram
 NIOSH: National Institute of Occupational Safety & Health STEL: Short Term Exposure Limit
 ACGIH: American Conference of Government Industrial Hygienists PEL: Permissible Exposure Limit



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