



Dip 'N Grow Liquid Rooting Hormone

You've found "The One That Works™"!

MATERIAL SAFETY DATA SHEET

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EPA Establishment Number: 64388-OR-001

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Section I - Product Identification

Product Number/Description/Size:	DG00101 Dip 'N Grow®, 0.2 Ounce Rooting Kit DG00201 Dip 'N Grow®, 2 Ounce Rooting Kit DG01601 Dip 'N Grow®, 16 Ounce DG12801 Dip 'N Grow®, 1 Gallon DG12855 Dip 'N Grow®, 55 Gallon Drum
EPA Registration Number: 64388-1	ERG Number: 26
Chemical Trade Name: Dip 'N Grow®	DOT Proper Shipping Name: Alcohol N.O.S. (Ethyl Alcohol Solution, 66%)
DOT ID Number: UN 1987	DOT Label(s): Flammable Liquid
Class/Division: Hazard Class 3	Packing Group: II

Section II - Hazardous Ingredients/Identity Information

Hazardous Components:	ACGIH TLV:	CAS Number:
(Specific Chemical Identity; Common names)		
*Isopropanol 23%	400 ppm	67-63-0
*Ethanol 45%	1000 ppm	64-17-5
Indole-3-Butyric Acid 1%	Unknown	133-32-4
Naphthalene Acetic Acid 0.5%	Unknown	86-87-3

*EPA SARA Title III Section 313 list chemical.

Section III - Physical/Chemical Characteristics

Boiling Point: 82°C, 179°F	Specific Gravity (H ₂ O = 1): 0.85
Vapor Density (AIR = 1): NIA	Evaporation Rate: NIA
Vapor Pressure (mm Hg): NIA	Melting Point: NIA
Solubility in Water: Appreciable	Appearance and Odor: Clear amber solution, alcohol odor

Section IV - Fire and Explosion Hazard Data

Flash point (Method Used): 22°C, 72°F (EPA 1020, Closed Cup)
Flammable Limits: Ethanol, LEL: 3.3%, UEL: NIA
Extinguishing Media: Alcohol foam, water fog, CO ₂ or dry chemical
Special Fire Fighting Procedures: Use self-contained breathing apparatus
Unusual Fire and Explosion Hazardous: NIA

Section V - Reactivity Data

Stability: Stable
Conditions to Avoid: NIA
Incompatibility (Materials to Avoid): NIA
Hazardous Decomposition or Byproducts: CO ₂
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: NIA

Section VI - Health Hazard Data

Routes of Entry: Skin and Eyes; Ingestion
Health Hazards (Acute and Chronic): NIA
Carcinogenicity: NIA
Signs and Symptoms of Exposure: May cause irritation. Harmful if swallowed. Avoid contact with skin and eyes.
Medical Conditions Generally Aggravated by Exposure: NIA
Emergency and First Aid Procedures: If contact occurs, rinse with large amounts of water immediately.

Section VII - Precautions For Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: Wipe or mop up small spills. Absorb large spills, evaporate in hood.
Waste Disposal Method: Flush to drain with plenty of water. Dispose in compliance with all local, state and federal regulations.
Precautions to be Taken in Handling and Storing: Do not store or use near heat or open flame. Store at or below room temperature, 21°C (68°F), out of direct sunlight.
Other Precautions: Do not reuse empty container

Section VII - Control Measures

Respiratory Protection (Specific type): NIA
Ventilation: Mechanical (General)
Protective Gloves: Nitrile Rubber, Neoprene Rubber, Butyl Rubber, or Polyvinyl Chloride
Eye Protection: Recommended chemical splash goggles
Other Protective Clothing or Equipment : NIA
Work/Hygienic Practices: NIA

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. DIP 'N GROW, INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.

NOTE: NIA = no information available or no applicable information found

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