

Material Safety Data Sheet
January 1, 2002

Chemical Name : **K-L-N Concentrate**
 Formula : Mixture (see Section 3: Ingredients)
 Trade Name/Synonym : **Dyna-Gro K-L-N Concentrate**
 CAS Number (s) : Mixture (see Section 3: Ingredients)

Section 1: Manufacturer or Supplier

Dyna-Gro Nutrition Solutions, 1065 Broadway, San Pablo, CA 94806, Emergency Number (510) 233-0254

Section 2: Hazardous Ingredients

Contains no hazardous mixtures

Section 3: Physical Data & Ingredients

Physical State at STP : Liquid	Percent Volatile : N/A
Boiling Point : 212 F	Vapor Pressure : 0.22 mm/Hg
Specific Gravity : 1.03	Solubility in Water : Miscible
Vapor Density : 13.3	Melting Point : 32.0 F
Evaporation Rate : N/A	Appearance & Odor : Clear odorless liquid

Ingredient	Formula	—%—	CAS#	Exposure limits in air: ACGIH TLV: OSHA PEL :
1-Naphthalene acetic Acid	C ₁₀ H ₇ CH ₂ COOH	<1%	86-87-3	Not Established
3-Indole Butyric Acid	C ₁₂ H ₁₃ NO ₂	<1%	133-32-4	Not Established

Section 4: Fire & Explosion Hazard Data

Flash Point : Non Flammable
 Auto-Ignition Temp. (Lower) : N/A
 Auto-Ignition Temp. (Upper) : N/A
 Flammable Limits in Air : N/A
 Extinguishing Media to Use : Dry Chemicals, CO₂, Water or Water Base Foam
 Special Fire Fighting Equipment : Wear protective clothing & breathing unit
 Unusual Fire & Explosion Risk : None

Section 5: Health Hazard Data

Effects of Over-Exposure:
 Prolonged contact with skin may cause irritation. Contact with eyes and respiratory tract may cause irritation. If swallowed, may cause distress, cramping, vomiting and hypertension.

Health Effects or Risks from Exposure:
 Acute: Burns to skin, eyes and nasal passages, cramps and vomiting if swallowed.
 Chronic: Irritation to skin and mucus membranes.

Section 5: Health Hazard Data---continued

Emergency First Aid:

If Swallowed: Drink large amounts of water. Call a physician.

Skin Exposure: Flush with plenty of water.

Eye Exposure: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

If Inhaled: Remove to fresh air. Call a physician.

Section 6: Reactivity Hazard Data

Suspected Cancer Agent : Not a carcinogen.

Conditions to Avoid : Skin & eye contact, do not breathe, do not drink.

Stability : Stable

Hazardous Polymerization : Polymerization will not occur.

Hazardous Decomposition : Decomposition will not occur.

Incompatibility : None known

Section 7: Spill or Leak Procedures

Steps to take if spill occurs: Flush with hose or mop up and dispose of according to local, state and federal regulations.

Waste Disposal Method: Dispose of all waste according to local, state and federal regulations. Mix with water and dispose of in approved landfill.

Section 8: Special Protection Information

Respiratory Protection : Self-contained breathing apparatus

Ventilation : Local and mechanical

Eye Protection : Safety goggles

Protective Gloves : Rubber

Other Protective Equipment : Non-absorbent clothing and rubber boots.

Section 9: Special Precautions

Do Not Drink, get in eyes, on skin or on clothing. Avoid breathing vapor. Keep in tightly closed container. Loosen container cautiously. Wash thoroughly with soap and water after handling. Store .

The information contained herein is provided in good faith and is believed to be correct and equivalent to OSHA Form 20, as of the date hereof, but is issued without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.