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## MATERIAL SAFETY DATA SHEET

**PRODUCTS: SNAP A and SNAP B**

**WATER-DISSOLVED FERTILIZERS FOR HYDROPONICS**

STATEMENT OF NON- HAZARDOUS NATURE:

**Not Flammable. Not explosive.**

**SNAP A and SNAP B** are fertilizers dissolved in about 85% water and, therefore, non-flammable, non-explosive and specifically intended for use in **GROWING** vegetable in hydroponics.

IDENTIFICATION

PRODUCT NAME: SNAP A and SNAP B are liquid fertilizers used specifically for hydroponics (soil-less farming).

USE: Water-based liquid fertilizers for hydroponics system of growing plants

**INGREDIENTS: (dissolved in about 85 percent distilled water)**

**SNAP A** (In Elemental form)

Nitrogen – 6.10% wt/vol

Calcium - 4.245% wt/vol

Potassium - 3.09% wt/vol

**SNAP B** (In Elemental form)

Phosphorus – 0.376% wt/vol

Magnesium - 0.494% wt/vol

Iron - 0.151% wt/vol

Microelements Boron, Manganese and Molybdenum in trace amounts

PHYSICAL DESCRIPTION / PROPERTIES:

APPEARANCE AND ODOUR: Snap A is slightly cloudy while Snap B is clear and yellowish in color; both solutions are liquid water suspension concentrate

BOILING POINT: > 100°C

VAPOUR PRESSURE @ 20°C): Not available

FLASHPOINT: Not applicable

SOLUBILITY: Miscible with water in all proportions.

pH: 2.2

CHEMICAL ENTITY PROPORTION

HEALTH EFFECTS:

May be harmful if ingested in excessive quantities.

May irritate eyes.  
Non-toxic.

**FIRST AID:**

If swallowed, give plenty of water to drink and get medical aid.  
Eye: Hold eye(s) open and flush with water for 15 minutes. Seek medical advice.  
Skin: Wash thoroughly with soap and water.

**ADVICE TO DOCTOR:**

Treat symptomatically.

**ENGINEERING STANDARDS:**

Keep containers closed when not in use.

**PERSONAL PROTECTION:**

Avoid personal contact. When using, do not eat, drink or smoke. After use and before eating, drinking, smoking or using the toilet, wash hands thoroughly with soap and water.

**SAFE HANDLING INFORMATION**

**STORAGE AND TRANSPORT:**

If packed in bottles, individual bottle must be tightly capped and sealed. To ensure a leak-free transport, bottles of the product must be placed inside a leak-free PVC plastic bag and placed in a rigid box (cartoons, wood or polystyrene (styro)).

Store in original container. Keep away from animals and humans. Keep out of direct sunlight. Store below 40°C. Keep containers closed when not in use.

This Material Safety Data Sheet provides ONLY certain basic health and safety information: ("Information") about SNAP A and SNAP B Liquid Fertilizers ("Product").

**CONTACT PERSON:**



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