

Symbol of Quality

# GROW MORE



World Headquarters

## MATERIAL SAFETY DATA SHEET

M.S.D.S.

### I - PRODUCT IDENTIFICATION

TRADE NAME (as labeled) : **CACTUS JUICE**

MANUFACTURER'S NAME : GROW MORE, INC.  
15600 New Century Drive  
Gardena, CA 90248  
Tel. (310) 515-1700  
Fax (310) 515-4937

DATE PREPARED/REVISED : August 23, 1999

NAME OF PREPARER : H. Langheim

### II - HAZARDOUS INGREDIENTS

| Chemical Name | CAS No. & % | Exposure Limits in Air (give units) |          |                 |
|---------------|-------------|-------------------------------------|----------|-----------------|
|               |             | ACGH TLV                            | OSHA PEL | OTHER (specify) |
| Non-Hazardous |             |                                     |          |                 |

### III - PHYSICAL PROPERTIES

VAPOR DENSITY (AIR = 1) : Unknown

SPECIFIC GRAVITY : 1.173

SOLUBILITY IN WATER : Yes

VAPOR PRESSURE, mmHg : Unknown

APPEARANCE AND ODOR : Water like - Pungent

MELTING POINT OR RANGE, °F : NE

BOILING POINT OR RANGE, °F : Unknown

EVAPORATION RATE (BUTYLACETATE = 1) : Unknown

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**IV – FIRE AND EXPLOSION**

FLASH POINT. °F (Give Method) : Non Flamable  
AUTO IGNITION TEMPERATURE. °F :  
FLAMMABLE LIMITS IN AIR. (Vol. %) : Lower (LRL) :  
Upper (UEL) :  
FIRE EXTINGUISHING MATERIALS :  
\_\_\_\_\_ water spray \_\_\_\_\_ carbon dioxide \_\_\_\_\_ other  
\_\_\_\_\_ alcohol foam \_\_\_\_\_ dry chemical

SPECIAL FIREFIGHTING PROCEDURE: Must wear MSHA/NIOSH approved self-contained breathing apparatus

UNUSUAL FIRE & EXPLOSION HAZARDS: Products of combustion are toxic. Explosive mixtures form with air.

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**V – HEALTH HAZARD INFORMATION**

SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE:

INHALED : Vapors can cause irritation of mucus membrane  
CONTACT WITH EYES : May cause redness and slight irritation  
ABSORBED THROUGH SKIN : Repeated contact may cause slight irritation. Will not be absorbed through skin  
SWALLOWED : Possible abdominal pain and nausea

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**FIRST AID (EMERGENCY) PROCEDURES:**

EYE CONTACT : Wash thoroughly with water for at least 5 minutes. Seek medical assistance for persistent irritation.  
SKIN CONTACT : Wipe excess material with dry cloth, while removing contaminated clothing and shoes with large amounts of water and soap  
INHALED : Remove from exposure. Treat symptomatically  
SWALLOWED : Give 3 to 4 glasses of milk or water. Do not induce vomiting, or give mouth to mouth contact. Get immediate medical attention.

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**SUSPECTED CANCER AGENT?**

X No. This product's ingredients are not found in the list below.

     Yes. FEDERAL OSHA      NTP      IARC     

(California employers using CAL-OSHA regulated carcinogens, must register with CAL-OSHA. The CAL-OSHA and Federal OSHA carcinogen lists are similar).

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**VI – REACTIVITY DATA**

STABILITY :   X   Stable      Unstable

CONDITIONS TO AVOID: N/A

**INCOMPATIBILITY**

Material to avoid) : None known to this time

HAZARDOUS DECOMPOSITION PRODUCTS (INCLUDING COMBUSTION PRODUCTS):  
THERMAL DECOMPOSITION MAY PRODUCE TOXIC FUMES OF OXIDES OF CARBON

HAZARDOUS POLYMERIZATION:      May occur   X   will not occur

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**VII – SPILL, LEAK & DISPOSAL PROCEDURES:**

SPILL RESPONSE PROCEDURES (Include employee protection measures):

Caution! Floors may become slippery. Wear appropriate protective equipment & MSHA/NIOSH approved respirator where mist or vapors of unknown concentration may be generated.

PREPARING WASTES FOR DISPOSAL (Container types, neutralization), etc.)

Dike and contain spill with inert material (sand, earth, etc. and transfer the liquid & solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water. Dispose off in compliance with all Federal State and local laws and regulations. Incineration is the preferred method

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**VIII – SPECIAL HANDLING INFORMATION**

VENTILATION & ENGINEERING CONTROLS: Local exhaust.

RESPIRATORY PROTECTION (TYPE): Where mist or vapors are generated by the process, a NIOSH/MSHA jointly approved respirator is advised in the absence of proper environmental control.

EYE PROTECTION (TYPE): Wear chemical goggles where there is a potential for eye contact. Use safety glasses with side shields under normal use conditions.

GLOVES (SPECIFIC MATERIAL): Rubber or neoprene, when needed, to prevent skin contact.

OTHER CLOTHING & EQUIPMENT: Eye wash, safety shower, protective clothing (long sleeves, coveralls or other appropriate clothing), when needed to prevent skin contact.

WORK PRACTICES, HYGIENIC PRACTICES: Use good housekeeping and hygienic practices such as washing hands with soap after handling.

OTHER HANDLING & STORAGE REQUIREMENTS: To maintain product quality, do not store in heat or direct sunlight.

PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: Wear a dust mist protector and eye wear.

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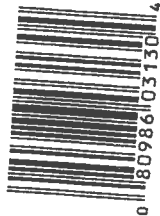
GROW MORE

Slow growing cacti and succulents have a high requirement for Calcium, our specially designed formula provides a soluble source of Calcium.

# Cactus Juice

Plant Food For Cacti & Succulents

Manufactured By:  
**GROW MORE**  
15600 New Century Drive,  
Gardena, CA, 90248 U.S.A.  
[www.growmore.com](http://www.growmore.com)



Contains Cactus Loving Calcium

### GUARANTEED ANALYSIS

|  |      |
|--|------|
| <b>1-7-6</b>   |      |
| Total Nitrogen.....  | 1.0% |
| 1.0% Nitrate Nitrogen  |      |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....                | 7.0% |
| Soluble Potash (K <sub>2</sub> O).....                                   | 6.0% |
| Calcium.....   | 1.0% |
| Derived from: Ammonium Nitrate,<br>Calcium Nitrate, Potassium Phosphate. |      |

### DIRECTIONS

Shake before using. Mix 1 teaspoon per gallon of water. Apply as a soil drench to the base of the plant. Plants can be fed every two weeks during the growing season or as needed. Water as needed between feedings.

Information regarding the contents and levels of metals in this product is available by calling 1-800-338-7160

16 FL. OZ. (473 mL)