

GROWTH PRODUCTS, LTD.
P.O. BOX 1252
WHITE PLAINS, NY 10602

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MATERIAL SAFETY DATA SHEET

SECTION ONE - PRODUCT DESCRIPTION

TRADE NAME: GROWTH PRODUCTS

NAME: ESSENTIAL PLUS

TYPE: PLANT FOOD NUTRIENTS, NATURAL ORGANIC MATERIALS

APPLICATION: PROPRIETARY PRODUCT GROWTH PRODUCTS INC.

SECTION TWO - HAZARDOUS INGREDIENTS

THIS MATERIAL IS NOT A 'HEALTH HAZARD' OR A 'PHYSICAL HAZARD' AS DETERMINED WHEN REVIEWED ACCORDING TO THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONS 29 CFR 1910.1200 '

HAZARD COMMUNICATIONS' STANDARD.

CHEMICAL HAZARD RATING

HEALTH = 1 (SLIGHT)

FIRE = 0 (LEAST)

REACTIVITY = 0 (LEAST)

SECTION THREE - PHYSICAL DATA

APPEARANCE THICK SOLUTION

COLOR BROWN

ODOR SWEET/SALTY ORGANIC SMELL

WEIGHT PER GALLON 8.74# @ 21C

STORAGE LIFE AT 70F 2 YEARS

PH-21C 7.5 - 8

WATER SOLUBILITY COMPLETELY MISCIBLE

EVAPORATION RATE < = AS WATER

BOILING POINT ABOUT 210 DEG. F

FREEZING POINT 32° F

SECTION FOUR - FIRE FIGHTING DATA

FLASH POINT (METHOD USED CLOSED CUP) NONCUMBUSTIBLE

FLAMMABLE LIMIT LEL: N.A. UEL: N.A.

EXTINGUISHING MEDIA DOES NOT BURN

SPECIAL FIRE FIGHTING PROCEDURES NONE

UNUSUAL FIRE & EXPLOSION PROCEDURES NONE

SECTION FIVE - HEALTH & FIRST AID DATA

THRESHOLD LIMIT VALUE: NONE ESTABLISHED

EFFECTS OF OVER EXPOSURE: LIQUID CONTACT MAY CAUSE SLIGHT EYE IRRITATION AND REPEATED SKIN EXPOSURE MAY CAUSE SOME SKIN IRRITATION. INGESTION: CALL A PHYSICIAN IMMEDIATELY IF SIGNIFICANT AMOUNTS HAVE BEEN SWALLOWED. GIVE THE EMPLOYEE LARGE AMOUNTS OF WATER OR MILK TO DRINK FOR DILUTION EFFECT. DO NOT INDUCE VOMITING.

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(LF ESSENTIAL PLUS))

NAME: ESSENTIAL PLUS

TYPE: PLANT FOOD NUTRIENTS, NATURAL ORGANIC MATERIALS

INHALATION: NOT EXPECTED TO BE HARMFUL UNDER NORMAL CONDITIONS OF USE, HOWEVER, IF ALLOWED TO BECOME AIRBORNE, MAY CAUSE IRRITATION OF NOSE, THROAT AND LUNGS.

SKIN: MAY CAUSE IRRITATION ON PROLONGED OR REPEATED CONTACT.

EYES: MAY CAUSE IRRITATION ON PROLONGED OR REPEATED CONTACT.

SECTION SIX - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID IF UNSTABLE: NOT APPLICABLE INCOMPATIBILITY WITH OTHER MATERIALS: NOT APPLICABLE

HAZARDOUS DECOMPOSITION PRODUCTS OF DRY MATERIAL: CO, CO2, NH3

ALDEHYDES (INCLUDING FORMALDEHYDE), PARTICULATE MATTER AND OTHER ORGANIC COMPOUNDS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID UNCONTROLLED POLYMERIZATION: NOT APPLICABLE.

SECTION SEVEN - SPILL & DISPOSAL PROCEDURES

STEPS TO BE TAKEN TO HANDLE SPILLS OR RELEASES: PREVENT PRODUCT FROM ENTERING DRINKING WATER SUPPLIES. COLLECT LIQUID OR SOLIDIFY WITH ABSORBANT MATERIAL AND PACKAGE FOR DISPOSAL ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

WASTE DISPOSAL PROCEDURES: THIS PRODUCT IS LIKELY TO HAVE A pH LESS THAN 8.5 AND WOULD NOT BE CONSIDERED A FEDERAL HAZARDOUS WASTE ACCORDING TO EPA REGULATION 40CFR 261. DISPOSE IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NOT NORMALLY NEEDED VENTILATION: WHERE AIR CONTAMINANTS CAN EXCEED ACCEPTABLE CRITERIA, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT. RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM AND CONCENTRATION OF CONTAMINANTS IS IN ACCORDANCE WITH OSHA 29 CFR 1910.134 OR OTHER APPLICABLE STANDARDS OR GUIDELINES.

USE GOGGLES IF CONTACT IS LIKELY.

WEAR IMPERVIOUS GLOVES AS REQUIRED TO PREVENT SKIN CONTACT.

SECTION EIGHT - SPECIAL PRECAUTIONS

NOT HARMED BY FREEZING, BUT THAW FROZEN FERTILIZER SLOWLY AND STIR BEFORE USING.

STORE IN A COOL PLACE. ROTATE STOCK IN STORAGE TO USE OLDEST FIRST.

REFER TO PRODUCT SPECIFICATIONS.