

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

ENFORCER PRODUCTS, INC. P. O. BOX 1060 CARTERSVILLE, GA. 30120	MANUFACTURER'S PHONE NUMBER: (770) 386-0801 24 HOUR EMERGENCY NUMBER: 1-800-255-3924	HAZARD RATINGS: HEALTH_1_ REACTIVITY_1_ FLAMMABILITY_1_ PERSONAL PROTECTION_2_
PRODUCT NAME: ROOTS & ALL GRASS & WEED KILLER II		EPA REG. NO.: 40849-71
PREPARED BY: TRESSIE DEMPSEY		DATE: FEBRUARY 23, 1998

II. INGREDIENTS

<u>PRINCIPAL COMPONENTS</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER</u>	<u>HAZARD</u>
FLUAZIFOP-P-BUTYL TECHNICAL 80%	79241-46-6	0.100	N/A	N/A		N/A
PELLARGONIC ACID	112-05-0	1.83	N/A	N/A	N/A	N/A
DMA SALT of 2, 4D 67.1%	2008-39-1	0.200	N/A	N/A		N/A
MCPP AMINE 4M 52.2%	32351-70-5	0.200	N/A	N/A		N/A

III. PHYSICAL DATA

BOILING POINT: >100°F (water)	SPECIFIC GRAVITY: 1.0003	pH: 7.617	VAPOR PRESSURE (mm Hg.): N/A
PERCENT VOLATILE BY VOLUME: NE	VAPOR DENSITY: NE	EVAPORATION RATE (Butyl Acetate = 1): NE	
SOLUBILITY IN WATER: SOLUBLE	APPEARANCE & ODOR: DARK AMBER , LIQUID CLEAR.		

IV. FIRE & EXPLOSION DATA

FLASHPOINT (Method used): N/A	AUTOIGNITION TEMPERATURE: N/A	FLAMMABLE LIMITS: N/A
LEL: N/A	UEL: N/A	EXTINGUISHING MEDIA: WATER FOG, CO2, DRY CHEMICAL.
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS, IMPERVIOUS PROTECTIVE CLOTHING.		
UNUSUAL FIRE & EXPLOSION HAZARDS: NONE KNOWN.		

V. REACTIVITY HAZARD DATA

STABILITY: X STABLE UNSTABLE	CONDITIONS TO AVOID: AVOID HIGH TEMPERATURES.	
INCOMPATIBILITY (Materials to avoid): ACIDIC OR OXIDIZING MATERIALS.		
HAZARDOUS POLYMERIZATION: WILL OCCUR	X WILL NOT OCCUR	CONDITIONS TO AVOID: N/A
HAZARDOUS DECOMPOSITION PRODUCTS: NOXIOUS FUMES UNDER FIRE CONDITIONS.		

VI. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION |X| INGESTION |X| SKIN ABSORPTION |X| EYE |X| NOT HAZARDOUS | |

ACUTE EFFECTS OF OVEREXPOSURE:

INGESTION: A SINGLE DOSE IS CLASSIFIED AS "SLIGHTLY TOXIC". IRRITATION TO THE GASTROINTESTINAL TRACT. LARGE DOSES MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION AND VOMITING.

SKIN CONTACT: SLIGHTLY IRRITATING TO THE SKIN. AVOID CONTACT. MAY CAUSE IRRITATION AND/OR SKIN DAMAGE.

INHALATION: CAN CAUSE DIZZINESS, NAUSEA, AND HEADACHE UPON PROLONGED EXPOSURE. AVOID BREATHING SPRAY MIST.

EYE CONTACT: IRRITATING TO THE EYE, AVOID CONTACT.

CHRONIC EFFECTS OF OVEREXPOSURE: NONE KNOWN.

CARCINOGENICITY: NTP? N/A IARC? N/A OSHA REGULATED ? N/A

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

EMERGENCY FIRST AID PROCEDURES:

INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER. IMMEDIATELY DRINK ONE OR TWO GLASSES OF WATER AND INDUCE VOMITING.

SKIN CONTACT: IMMEDIATELY REMOVE CONTAMINATED CLOTHING, WASH AREA WITH SOAP AND WATER THOROUGHLY.

INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN IF NEEDED. SEEK MEDICAL ATTENTION.

EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. CONSULT PHYSICIAN.

VII. CONTROL AND PROTECTIVE MEASURES

EYE PROTECTION: CHEMICAL GOGGLES.

RESPIRATORY PROTECTION (specify): NOT REQUIRED BUT APPLICANT SHOULD AVOID BREATHING MIST.

SKIN PROTECTION: WEAR LONG SLEEVES, LONG PANTS, AND CHEMICAL-RESISTANT GLOVES WHEN APPLYING THIS PRODUCT. WASH ALL CONTAMINATED CLOTHING SEPARATELY BEFORE NEXT USE.

VENTILATION: NOT REQUIRED FOR INTENDED USE.

OTHER PROTECTION: N/A

VIII. SPECIAL PRECAUTIONS

HANDLING AND STORING PROCEDURES: DO NOT STORE WITH OR NEAR FEED, FOOD-STUFF OR DRINKING WATER. DURING APPLICATION AVOID DRIFT TO ADJACENT FOOD AND FORAGE PLANTINGS THAT MIGHT BE DAMAGED OR THE CROPS THEREOF RENDERED UNFIT FOR SALE, USE OR CONSUMPTION.

RELEASE OR SPILL PROCEDURES: CONTAIN SPILL, DO NOT ALLOW PRODUCT TO GET INTO WATERWAYS. ABSORB WITH ABSORBENT MATERIAL AND PLACE IN A SEALED DRUM FOR DISPOSAL. CLEAN SPILL AREA WITH DETERGENT AND WATER.

WASTE DISPOSAL METHOD: PESTICIDE, SPRAY MIXTURE OR RINSATE THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR HERBICIDE DISPOSAL. CONSULT LOCAL, STATE OR FEDERAL GUIDELINES FOR APPROVED DISPOSAL METHODS.

OTHER PRECAUTIONS: KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN AND PETS. HARMFUL IF SWALLOWED.

IX. ADDITIONAL INFORMATION

PROPER DOT SHIPPING NAME: CONSUMER COMMODITY, ORM-D.

BIODEGRADABILITY: N/A

EMPTY CONTAINER HANDLING: WARNING! EMPTIED CONTAINER CONTAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. KEEP EMPTY CONTAINER CLOSED TIGHTLY.

THIS INFORMATION COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.