

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__ REACTIVITY__ FLAMMABILITY__ PERSONAL PROTECTION__
PRODUCT NAME: ZEP® COMMERCIAL CARPENTER ANT KILLER CONCENTRATE (ZCACC-1)		EPA REG. NO.: 432-733-40849
PREPARED BY: TRESSIE DEMPSEY		DATE: November 10, 1998

II. INGREDIENTS

PRINCIPAL COMPONENTS	CAS NUMBER	PERCENT	OSHA PEL	ACGIH TLV	OTHER	HAZARD
CYPERMETHRIN	N/A	26%	N/A	N/A	N/A	N/A
XYLENE RANGE						
AEROMATIC SOLVENT	N/A	N/A	100 PPM	N/A	N/A	N/A
SUPPLIER RECOMMENDED (563 mg/ m3)	64742-94-5					

III. PHYSICAL DATA

BOILING POINT: N/A	SPECIFIC GRAVITY: .99 G/ML (@ 25°C)	VAPOR PRESSURE (mm Hg.): N/A
PERCENT VOLATILE BY VOLUME: NEGLIGIBLE	VAPOR DENSITY: N/A	EVAPORATION RATE (Butyl Acetate = 1): N/A
SOLUBILITY IN WATER: N/A	APPEARANCE & ODOR: CLEAR TO AMBER BROWN LIQUID WITH STRONG AROMATIC ODOR.	

IV. FIRE & EXPLOSION DATA

FLASHPOINT (Method used): > 140°F TCC	AUTOIGNITION TEMPERATURE: N/A	FLAMMABLE LIMITS: N/A
LEL: N/A	UEL: N/A	EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CO2, WATER FOG.
SPECIAL FIRE FIGHTING PROCEDURES:	USE SUPPLIED - AIR BREATHING EQUIPMENT FOR ENCLOSED OR CONFINED SPACES. KEEP CONTAINER COOL.	
UNUSUAL FIRE & EXPLOSION HAZARDS:	N/A	

V. REACTIVITY HAZARD DATA

STABILITY: <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID: NONE KNOWN
INCOMPATIBILITY (Materials to avoid):	OXIDIZING AGENTS.
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> WILL OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS:	CO2, CO, NO, AMMONIA, HALOGEN, HALOGEN ACIDS, POSSIBLE TRACE OF CARBONYL HALIDE.

VI. HEALTH HAZARD DATA

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

ACUTE EFFECTS OF OVEREXPOSURE:

INGESTION: NAUSEA, VOMITING AND ABDOMINAL CRAMPS.
 SKIN CONTACT: IRRITATION, TENDERNESS AND BURNING/PRICKLING SKIN SENSATIONS. MODERATE SKIN SENSITIZER.
 INHALATION: NAUSEA, VOMITING AND ABDOMINAL CRAMPS.
 EYE CONTACT: IRRITATION

CHRONIC EFFECTS OF OVEREXPOSURE: MODERATE SKIN SENSITIZER.

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. DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. ASPIRATION MAY BE HAZARD. THIS PRODUCT CONTAINS AEROMATIC PETROLEUM SOLVENTS.
NOTE TO PHYSICIAN: INDUCING VOMITING AS FIRST AID MAY RESULT IN INCREASED RISK OF CHEMICAL PNEUMONIA OR PULMONARY EDEMA CAUSED BY ASPIRATION OF THE HYDROCARBON SOLVENT.
 • VOMITING SHOULD BE INDUCED ONLY UNDER A PHYSICIANS SUPERVISION.
 SKIN CONTACT: WASH WITH PLENTY OF SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.
 INHALATION: REMOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLE MOUTH-TO-MOUTH. GET MEDICAL ATTENTION.
 EYE CONTACT: FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION, IF IRRITATION PERSISTS.

VII. CONTROL AND PROTECTIVE MEASURES

EYE PROTECTION: GOGGLES; FULL FACESHIELD.
 RESPIRATORY PROTECTION (specify): NIOSH APPROVED RESPIRATOR FOR PESTICIDE.
 SKIN PROTECTION: IMPERVIOUS GLOVES.
 VENTILATION: GENERAL AND LOCAL EXHAUST VENTILATION.
 OTHER PROTECTION: WEAR FULL-PROTECTIVE CLOTHING.

VIII. SPECIAL PRECAUTIONS

HANDLING AND STORING PROCEDURES: STORE PRODUCT IN ORIGINAL CONTAINER AND KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE NEAR FOOD OR FEED. PROTECT FROM FREEZING. DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. FROM METAL AND PLASTIC CONTAINERS: TRIPLE RINSE (OR EQUIVALENT), THEN OFFER FOR RECYCLING OR RECONDITION, OR PUNCTURE AND DISPOSE OF IN A SANITARY LANDFILL OR OTHER APPROVED PROCEDURES.
 RELEASE OR SPILL PROCEDURES: KEEP WELL VENTILATED. DIKE AREA TO AVOID RUNOFF. SOAK UP WITH ABSORBENT MATERIAL, SUCH AS SAND AND EARTH, AND SHOVEL INTO WASTE CONTAINER. KEEP OUT OF SEWERS AND DRAINS. REMOVE TO CHEMICAL WASTE AREA.
 WASTE DISPOSAL METHOD: THIS PRODUCT IS HIGHLY TOXIC TO FISH. DISPOSE OF MATERIAL IN ACCORDANCE WITH STATE PESTICIDE OR ENVIRONMENTAL CONTROL AGENCY, OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.
 OTHER PRECAUTIONS: KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN AND PETS. DO NOT CONTAMINATE WATER WHEN DISPOSING OF EQUIPMENT WASHWATERS. DO NOT APPLY TO ANY BODY OF WATER. AVOID SPRAYING FISH AND REPTILE PETS, BY REMOVING PETS AND COVERING FISH TANKS BEFORE SPRAYING. WEAR PROTECTIVE CLOTHING, IMPERMEABLE GLOVES AND FULL-FACE SHIELD OR GOGGLES WHEN HANDLING OR MIXING CONCENTRATE.

IX. ADDITIONAL INFORMATION

PROPER DOT SHIPPING NAME:	CONSUMER COMMODITY, ORM-D (CONTAINS CYPERMETHRIN)
BIODEGRADABILITY:	NOT BIODEGRADABLE
EMPTY CONTAINER HANDLING:	WARNING! EMPTIED CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. KEEP EMPTIED CONTAINER CLOSED TIGHTLY.
SPECIAL PRECAUTIONS	DO NOT STORE NEAR FEED, FOOD OR WITHIN THE REACH OF CHILDREN.
ENVIRONMENTAL HAZARDS:	THIS PRODUCT IS HIGHLY TOXIC TO FISH. KEEP OUT OF LAKES, PONDS, TIDAL MARSHES OR ESTUARIES, OCEANS OR PUBLIC WATERWAYS UNLESS THIS PRODUCT IS SPECIFICALLY IDENTIFIED AND ADDRESSED IN AN NPDES PERMIT. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT INTO SEWER SYSTEMS WITHOUT PREVIOUSLY NOTIFYING THE SEWAGE TREATMENT PLANT AUTHORITY. FOR GUIDANCE, CONTACT YOUR LOCAL STATE WATER BOARD OR REGIONAL EPA OFFICE. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTE.
THIS INFORMATION COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.	

***** END OF REPORT *****