



DINATEC

Quality You Can Trust

September 9, 2006

Dinaprop LIQUID

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME : Dinaprop LIQUID

SECTION I: HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS: PROPIONIC ACID 10 PPM/ ACETIC ACID 10 PPM
AMMONIUM HYDROXIDE 50PPM FOR AMMONIA

SYNONYMS : AQUEOUS SOLUTION OF PROPIONIC /ACETIC ACID
AND AMMONIUM HYDROXIDE

SECTION III: PHYSICAL DATA

BOILING POINT : 220-230 DEGREES F.
MELTING POINT : N.A.
SPECIFIC GRAVITY : (WATER =1) 1.06-1.085
VAPOR DENSITY : (AIR=1) 2.56 PROPIONIC ACID
SOLUBILITY : 100%
COLOR : STRAW
ODOR : SLIGHTLY ACIDIC

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : 126° F.
METHOD USED : TCC - PROPIONIC ACID
FLAMMABLE EXPLOSIVE LIMITS : LOWER 3.0 - UPPER 14.9
FIRE EXTINGUISHING MEDIA : WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING
APPARATUS AND PROTECTIVE CLOTHING.
PREVENT CONTACT WITH EYES AND SKIN.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION V: REACTIVITY DATA

STABILITY : STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: HEALTH HAZARD DATA

EYES : IRRITATION AND TEARING
SKIN : IRRITATION BY DRYING OF SKIN, BURNING SENSATION
BREATHING : IRRITATION TO LUNGS, BURNING SENSATION
SWALLOWING : BURNING OF GASTROINTESTINAL TRACT AREA
CHRONIC EFFECTS: N/A

DIVERSIFIED NUTRI-AGRI TECHNOLOGIES INC.

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EMERGENCY AND FIRST AID PROCEDURES:

INGESTION : DRINK LARGE QUANTITIES OF WATER DO NOT INDUCE VOMITING
INHALATION : REMOVE FROM EXPOSURE
SKIN CONTACT : WASH WITH WATER
EYE CONTACT : FLUSH WITH WATER FOR AT LEAST 15 MINUTES

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: spills should be contained by diking area. Materials should be mixed with absorbent product so it can be placed in drums for disposal. Eliminate all ignition sources.

WASTE DISPOSAL METHOD

DISPOSE OF BY INCINERATION OR BURYING IN A LICENSED FACILITY. FOLLOW ALL STATE AND LOCAL LAWS.

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION : NIOSH APPROVED RESPIRATOR FOR ORGANIC
VAPOR VENTILATION : RECOMMENDED
PROTECTIVE GLOVES : NEOPRENE OR RUBBER GLOVES
EYE PROTECTION : CHEMICAL SAFETY GOGGLES
OTHER PROTECTIVE
CLOTHING OR EQUIPMENT : EYE WASH AVAILABLE
SPECIAL WORK/HYGIENIC PRACTICES : WASH CONTAMINATED CLOTHING
BEFORE REUSE
DATE MSDS PREPARED : 05/02/89

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