



## MATERIAL SAFETY DATA SHEET

### I IDENTIFICATION

PRODUCT NAME :Dazitol™ Concentrate: Soil Treatment

CHEMICAL NAME :ALLYL ISOTHIOCYANATE (MUSTARD OIL)  
CAS NUMBER :57-06-07  
CHEMICAL FAMILY :ESSENTIAL OILS  
SYNONYMS :NONE KNOWN

CHEMICAL NAME :CAPSAICIN (OLEORESIN OF CAPSICUM)  
CHEMICAL FAMILY :OLEORESINS  
SYNONYMS :NONE KNOWN

### II PHYSICAL DATA

ODOR, APPEARANCE AND PHYSICAL STATE :LEMON/MUSTARD ODOR. ORANGE COLOR LIQUID.

SPECIFIC GRAVITY (WATER=1) :0.950 - 1.0  
SOLUBILITY IN WATER :100%  
BOILING POINT :205 C.  
MELTING POINT :NDA  
VAPOR PRESSURE :NDA  
PH :6.5

### III FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (CLOSED CUP) :ABOVE 525 F  
EXTINGUISHING MEDIA :WATER FOG( ) FOAM (X) CO2(X) CHEM(X)  
SPECIAL FIRE FIGHTING PROCEDURES :NONE  
UNUSUAL FIRE AND EXPLOSION HAZARDS :AVOID HEAT, HEAT SPARKS, OPEN FIRE.

### IV REACTIVITY DATA

STABILITY :STABLE  
INCOMPATIBILITY :STRONG OXIDIZING AGENTS  
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS :CARBON MONOXIDE, CARBON DIOXIDE AND SMOKE ON COMBUSTION.  
HAZARDOUS POLYMERIZATION :WILL NOT OCCUR

## **V OCCUPATIONAL EXPOSURE LIMIT**

THRESHOLD LIMIT VALUE (TLV) :NDA  
OSHA PERMISSIBLE EXPOSURE LIMIT (PEL) :NDA  
HAS THIS SUBSTANCE, OR ANY COMPONENT OF A MIXTURE  
BEEN LISTED AS A CARCINOGEN OR POTENTIAL  
CARCINOGEN IN "THE ANNUAL REPORT ON CARCINOGENS"  
PUBLISHED BY NTP BY THE INTERNATIONAL AGENCY FOR  
RESEARCH ON CANCER, OR BY OSHA ? YES( ) NO(X)

## **VI EMERGENCY AND FIRST AID PROCEDURES**

INHALATION EXPOSURE: REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, SEE PHYSICIAN  
EYE CONTACT : REMOVE CONTACT LENSES. FLUSH EYES IN WATER FOR 15  
MINUTES. IF IRRITATION PERSISTS, SEE PHYSICIAN.  
SKIN CONTACT : REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS  
WITH PLENTY OF SOAP AND WATER. IF IRRITATION PERSISTS  
SEE PHYSICIAN.  
INGESTION : NONE UNUSUALLY NEEDED.

## **VII SPILL, LEAK AND DISPOSAL PROCEDURES**

PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED :SMALL SPILLS CAN BE  
FLUSHED WITH SOAPY WATER OR ABSORBED BY DIRT, SAND  
OR OTHER SUITABLE ABSORBENTS FOR DISPOSAL. LARGE  
SPILLS CAN BE DIKED WITH EARTH, THEN BE PUMPED TO A  
TANK FOR DISPOSAL.  
WASTE DISPOSAL METHOD :SANITATION LANDFILL OR INCINERATION IN ACCORDANCE  
WITH LOCAL, STATE AND FEDERAL REGULATIONS.

## **VIII SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION : NOT NORMALLY REQUIRED. IF VAPOR CONCENTRATION IS  
HIGH BECAUSE OF HEAT, USE A NIOSH APPROVED  
ORGANIC RESPIRATOR.  
VENTILATION : GENERAL  
PROTECTIVE CLOTHES : USE LONG SLEEVE SHIRT, LONG PANTS, SHOES AND SOCKS..  
OTHER PROTECTIVE EQUIPMENT :EYE BATH AND SAFETY SHOWER.

## **IX HANDLING AND STORAGE PROCEDURES**

STORE IN SHIPPING CONTAINERS IN A COOL DRY PLACE, AWAY FROM LIGHT.