

## **T5151, CALCIFICATION PREVENTION TABLETS**

### **MSDS Number**

BSDGV

### **National Stock Number**

6810-01-362-0042

### **Product Name**

T5151, CALCIFICATION PREVENTION TABLETS

### **Manufacturer**

SCIENCO SYSTEMS INC

### **Product Identification**

Product ID:T5151, CALCIFICATION PREVENTION TABLETS

MSDS Date:05/20/1992

FSC:6810

NIIN:01-362-0042

MSDS Number: BSDGV

### **Responsible Party**

SCIENCO SYSTEMS INC

3240 NORTH BROADWAY

ST LOUIS , MO 63147

US

Emergency Phone: 314-621-2536

Info Phone: 314-621-2536

Cage: 8W173

### **Contractor**

SCIENCO SYSTEMS INC

ST LOUIS, MO 63147

US

314-621-2536

Cage: 8W173

### **Ingredients**

(ORAL,RAT)11.7 G/KG

CAS: 77-92-9

RTECS: GE7350000

Fraction By Weight: 70%

POLYETHYLENE GLYCOL #8000; (POLYGLYCOL E-8000)

CAS: 25322-68-3

RTECS: TQ4105000

Fraction By Weight: 16.28%

OSHA PEL5 MG/M3 RESP (MFR)

ACGIH TLV: 10 MG/M3 DUST (MFR)

GLUCITOL; (D-GLUCITOL)

CAS: 50-70-4

RTECS: LZ4290000

Fraction By Weight: 10%

POLYETHYLENE GLYCOL; (POLY (ETHYLENE OXIDE))

CAS: 25322-68-3

RTECS: TQ3500000

Fraction By Weight: 3.22%

10 MG/M3

CAS: 7631-86-9

Fraction By Weight: 0.250%

ACGIH TLV: SEE INGREDIENT NAME

STEARIC ACID, MAGNESIUM SALT; (MAGNESIUM STERATE)

CAS: 557-04-0

RTECS: WI4390000

Fraction By Weight: 0.250%

AMMONIA

CAS: 7664-41-7

RTECS: BO0875000

Fraction By Weight:

OSHA PEL35 PPM STEL

ACGIH TLV: 25 PPM;35 PPM STEL

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

ETHANAMINE; (ETHYLAMINE)

CAS: 75-04-7

RTECS: KH2100000

Fraction By Weight:

OSHA PEL10 PPM

ACGIH TLV: 10 PPM

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

CAS: 75-21-8

RTECS: KX2450000

Fraction By Weight: SEE ING

OSHA PEL1 PPM; 5 STEL

ACGIH TLV: 1 PPM

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

## Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 11.7 G/KG CITRIC ACID

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: INHALATION-OVEREXPOSURE TO VAPORS/DUST MAY CAUSE NASAL & RESPIRATORY IRRITATION.

INGESTION-MAY RESULT IN GASTROINTESTINAL IRRITATION. SKIN-PROLONGED OR REPEATED CONTACT MAY CAUSE MODERATE IRRITATION, DRYING OF SKIN. EYES-MAY RESULT IN BLURRED VISION. CHRONIC: NO KNOWN HEALTH EFFECTS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:INHALATION-OVEREXPOSURE TO VAPORS OR DUST MAY CAUSE NAUSEA AND HEADACHE. INGESTION-MAY RESULT IN NAUSEA, VOMITING, DIARRHEA, DEATH. EYE-CONTACT MAY RESULT IN REDNESS, TEARING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:INHALE-REMOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. IF BREATHING IS HARD, GIVE OXYGEN. IF BREATHING HAS STOPPED, PERFORM CPR. SEE DOCTOR. SKIN-WASH AREA W/SOAP/WATER, REMOVE CONTAMINATED CLOTHING. SEE DOCTOR. EYE-FLUSH WITH LARGE AMOUNTS OF WATER UNDER LOW PRESSURE. SEE DOCTOR. INGESTION-DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. SEE DOCTOR. TREAT SYMPTOMATICALLY.

## Fire Fighting

Extinguishing Media:WATER, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:NONE.

Unusual Fire/Explosion Hazard:CAN REACT WITH CHEMICALLY REACTIVE METALS SUCH AS ALUMINUM, ZINC, MAGNESIUM, COPPER, ETC., TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES W/AIR.

## Accidental Release

Spill Release Procedures:SWEEP UP AND DISPOSE IN SANITARY LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:STORE IN COOL, DRY AREA.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection:NOT USUALLY REQD BUT HIGH LEVELS OF DUST MAY REQUIRE USE OF AN APPROPRIATE NIOSH/MSHA APPROVED DUST MASK.

Ventilation:SUFFICIENT VENTILATION, IN VOLUME & PATTERN SHOULD BE PROVIDED THRU BOTH LOCAL & GENERAL EXHAUST.

Protective Gloves:CHEMICAL RESISTANT.

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS AND OTHER CONTAMINATED SKIN AREAS WITH WARM SOAP AND WATER BEFORE EATING.

Supplemental Safety and Health  
DISPOSE OF OR LAUNDRER ACCORDINGLY.

## Chemical Properties

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:307F,153C

Spec Gravity:2.2(H2O=1)

Appearance and Odor:WHITE TABLETS.

## Stability

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZING AGENTS. H<sub>2</sub>O WILL FORM SOLUTIONS WHICH CAN BE AGGRESSIVELY CORROSIVE TO METALS.  
Stability Condition to Avoid: SPARKS, FLAMES, STRONG ALKALIES, REACTIVE METALS SUCH AS ALUMINUM & MAGNESIUM.  
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, VARIOUS HYDROCARBONS.

## Disposal

Waste Disposal Methods: SWEEP AND DISPOSE IN SANITARY LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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