

THOMPSON-HAYWARD CHEMICAL COMPANY -- SODIUM SULFITE ANHY 50 #16-05104-00. --  
6810-00-264-9020

===== Product Identification =====

Product ID:SODIUM SULFITE ANHY 50 #16-05104-00.

MSDS Date:04/09/1986

FSC:6810

NIIN:00-264-9020

MSDS Number: BDQZT

=== Responsible Party ===

Company Name:THOMPSON-HAYWARD CHEMICAL COMPANY

Address:5200 SPEAKER ROAD

City:KANSAS CITY

State:KS

ZIP:66106-1048

Country:US

Info

Phone Num:913-321-3131

Emergency Phone Num:913-321-3131

Preparer's Name:EDWARD E.CHAPMAN

CAGE:5G633

=== Contractor Identification ===

Company Name:THE AGRICULTURE AND NUTRITION CO INC.

Address:N/K (FORMERLY THOMPSON-HAYWARD CHEMICAL

City:KANSAS CITY

State:KS

ZIP:66106

Country:US

Phone:913-321-3131

CAGE:09531

Company Name:THOMPSON-HAYWARD CHEMICAL CO

Address:5200 SPEAKER RD

Box:City:KANSAS CITY

State:KS

ZIP:66106

Country:US

Phone:913-321-3131

CAGE:5G633

===== Composition/Information on

Ingredients =====

Ingred Name:SODIUM SULFITE (ANHYDROUS)  
CAS:7757-83-7  
RTECS #:WE2150000  
Fraction by Wt: 100%  
Other REC Limits:10MG/CUM (TOTAL DUST

===== Hazards Identification =====

LD50 LC50 Mixture:NOT KNOWN;AQUATIC TOXICITY 2600 PPM TL/W  
Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE:IRRITANT TO EYES,SKIN OR  
BURN;IRRITATION TO RESPIRATORY OR G.I.TRACT  
NAUSE,VOMITING,DIARRHEA. CHRONIC:IR  
RITATION OR DERMATITIS.  
Effects of Overexposure:EYES:IRRITATION OR BURNING. SKIN:IRRITATION.  
INHALATION:IRRITATING TO RESPIRATORY TRACT. INGESTION:IRRITATES  
G.I.TRACT,COLIC AND DIARRHEA,CNS EFFECTS.  
Medical Cond Aggravated by Exposure:CONDITION MAY WORSEN;STRONG  
IRRITATION.

===== First Aid Measures =====

First Aid:EYES:FLUSH AT ONCE WITH PLENTY OF WATER & CALL A DR.  
SKIN:WASH W/SOAP & WATER;CALL A PHYSICIAN IF NEEDED.  
INHALATION:REMO  
VE TO FRESH AIR;GIVE O\*2 IF NEEDED & CALL A DR.  
INGESTION:GIVE GLASS OF WATER ,CALL A PHYSICIAN.

===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING  
FIRE.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED  
AREA;USE WATER SPRAY TO KEEP CONTAINERS COOL.  
Unusual Fire/Explosion Hazard:WHEN PRODUCT HEATED TO DECOMPOSITION TEMP  
OXIDES OF SULFUR RELEASED.SODIUM  
SULFIDE RESIDUE AFTER  
DECOMPOSITION,A SERIOUS FIRE RISK.

===== Accidental Release Measures =====

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR  
VACUUM POWDER MATERIAL AND PLACE IN CLEAN CONTAINERS FOR PROPER  
DISPOSAL.  
Neutralizing Agent:ACID

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL DRY AREA. DO NOT BREATHE  
DUST.KEEP CONTAINER CLOSED WHEN NOT IN USE.WASH T

HOROUGHLY AFTER  
EACH USE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST OR VAPORS.

Ventilation:LOCAL EXHAUST

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:FULL PROTECTION,APRON BOOT,SAFETY SHOWER, EYE BATH.

Work Hygienic Practices:AVOID CONTACT W/EYES AND SKIN,DO NOT BREATHE VAPORS/DUST.DO NOT SMOKE,EAT OR DRINK IN WORK AREA.WASH AFTER EACH USE.

Supplemental Safety and Health

MSDS RECEIVED BY DGSC: OCT 30,1987.

===== Physical/Chemical Properties =====

HCC:N1

Decomp Temp:Decomp Text:900C

Spec Gravity:2.63 (SOLID)

Solubility in Water:APPRECIABLE (17%)

Appearance and Odor:WHITE GRANULAR CRYSTALS OR POWDER

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS,STRONG OXIDIZERS.

Stability Condition to Avoid:EXTREME HEAT

Hazardo

us Decomposition Products:OXIDES OF SULFUR,SODIUM SULFIDE  
RESIDUE (FLAMMABLE)

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGS.

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