

## **AZURE II, A2507**

### **MSDS Number**

CBYBT

### **National Stock Number**

6810-00N072366

### **Product Name**

AZURE II, A2507

### **Manufacturer**

SIGMA CHEMICAL CO

### **Product Identification**

Product ID:AZURE II, A2507

MSDS Date:01/01/1995

FSC:6810

NIIN:00N072366

MSDS Number: CBYBT

### **Responsible Party**

SIGMA CHEMICAL CO

ST LOUIS , MO 63178

US

Emergency Phone: 314-771-5765

Info Phone: 314-771-5765

Cage: 21076

### **Contractor**

SIGMA CHEMICAL COMPANY

14508

ST LOUIS, MO 63178

US

314-771-5765

Cage: 21076

### **Ingredients**

AZURE II

CAS: 37247-10-2

OSHA PELN/K

ACGIH TLV: N/K

3H-PHENOTHIAZINE, 3-(DIMETHYLAMINO)-7- (METHYLIMINO)-,

CAS: 531-55-5

RTECS: SO5550000

OSHA PELN/K

ACGIH TLV: N/K

PHENOTHIAZIN-5-IUM, 3,7-BIS(DIMETHYLAMINO)-, CHLORIDE,

CAS: 7220-79-3

RTECS: SP5740000

OSHA PELN/K

ACGIH TLV: N/K

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:ACUTE:HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES SEVERE EYE IRRITATION. MAY CAUSE SKIN IRRITATION. ABSORPTION INTO THE BODY LEADS TO THE FORMATION OF METHEMOGLOBIN WHICH IN SUFFICIENT CONCENTRATION CAUSES CYANOSIS. ONSET MAY BE DELAYED 2 TO 4 HOURS OR LONGER. EXPOSURE CAN CAUSE: (EFFECTS OF OVEREXPOSURE)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:NAUSEA, DIZZINESS & HEADACHE.

CHRONIC:LAB EXPERIMENTS HAVE SHOWN MUTAGENIC EFFECTS. TARGET ORGAN:BLOOD.

Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:EYES:IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN:IMMEDIATELY WASH WITH SOAP & COPIOUS AMOUNTS OF WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE. INHALATION:REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION:WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL MD.

## Fire Fighting

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

## Accidental Release

Spill Release Procedures:WEAR NIOSH APPROVED SCBA, RUBBER BOOTS & HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:AVOID INHALATION. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. SEVERE EYE IRRITANT. POSSIBLE MUTAGEN. KEEP TIGHTLY CLOSED. STORE IN A COOL, DRY PLACE.

Other Precautions:HARMFUL BY INHALATION, IN CONTACT WITH SKIN & IF SWALLOWED. RISK OF SERIOUS DAMAGE TO EYES. POSSIBLE RISK OF IRREVERSIBLE EFFECTS. DO NOT BREATHE DUST.

## Exposure Controls

Respiratory Protection:NIOSH APPROVED RESPIRATOR.

Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGLES(SUPPLY)

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA . WEAR SUITABLE PROTECTIVE CLOTHING.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health  
EYE PROTECTION:& FULL LENGTH FACESHIELD .

## Chemical Properties

Appearance and Odor:DARK-GREEN POWDER.

## Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: TOXIC FUMES OF CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, SULFUR OXIDES, HYDROGEN CHLORIDE GAS.

## **Disposal**

Waste Disposal Methods: DISSOLVE OR MIX MATERIAL W/ COMBUSTIBLE SOLVENT & BURN IN A CHEMICAL INCINERATOR EQUIPPED W/ AFTERBURNER & SCRUBBER. OBSERVE ALL FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS.

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