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## **FORAY DRY CHEMICAL EXTINGUISHING AGENT**

### **MSDS Number**

BKBJM

### **National Stock Number**

4210-00-123-2965

### **Product Name**

FORAY DRY CHEMICAL EXTINGUISHING AGENT

### **Manufacturer**

ANSUL FIRE PROTECTION WORMALD U S INC

### **Product Identification**

Product ID:FORAY DRY CHEMICAL EXTINGUISHING AGENT

MSDS Date:10/29/1992

FSC:4210

NIIN:00-123-2965

MSDS Number: BKBJM

### **Responsible Party**

ANSUL FIRE PROTECTION,WORMALD U.S.INC.

ONE STANTON STREET

MARINETTE , WI 54143-2542

US

Emergency Phone: 800-424-9300 (CHEMTREC)

Info Phone: 715-735-7411

Preparer: SAFETY AND HEALTH DPT.

Cage: 03670

### **Contractor**

ANSUL INC

MARINETTE, WI 54143-2542

US

715-735-7411

Cage: 03670

### **Ingredients**

MICA - SILICATES (< 1% CRYSTALLINE SILICA)

CAS: 12001-26-2

RTECS: VV8760000

Fraction By Weight:

OSHA PEL20 MPPCF; Z-3

ACGIH TLV: 3 MG/M3 RDUST; 9394

MAGNESIUM ALUMINUM SILICATE

CAS: 8031-18-3

Fraction By Weight:

AMMONIUM DIHYDROGEN PHOSPHATE

CAS: 7722-76-1

Fraction By Weight: >75%

AMMONIUM SULFATE (SOLUTION) (SARA III)

CAS: 7783-20-2

RTECS: BS4500000

Fraction By Weight: >10%

METHYL HYDROGEN POLYSILOXANE

CAS: 63148-57-2

Fraction By Weight:

YELLOW PIGMENT

CAS: 5468-75-7

Fraction By Weight:

## Hazards

LD50 LC50 Mixture:TLV (NUISANCE DUST) 10 MG/M3 ACGIH  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES/SKIN: PROLONGED CONTACT CAN CAUSE IRRITATION. AVOID BREATHING OF VAPOR. CHRONIC OVEREXPOSURE COULD RESULT IN FIBROSIS OF THE LUNG, PNEUMOCONIOSIS  
Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:EYES: REDNESS, TEARING, DISCOMFORT. SKIN: REDNESS, ITCHING, DISCOMFORT. INHALED: COUGH, SHORTNESS OF BREATH. INGESTED: NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS (REACTIVE AIRWAY) MAY BE AT INCREASED RISK FROM EXPOSURE.

## First Aid

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION:IF PATIENT IS CONSCIOUS, GIVE LARGE AMOUNT S OF WATER AND INDUCE VOMITING. SEEK MEDICAL HELP.

## Fire Fighting

Extinguishing Media:THIS MATERIAL IS AN EXTINGUISHING AGENT  
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:NONE

## Accidental Release

Spill Release Procedures:MOP OR WIPE UP SPILL.  
Neutralizing Agent:NONE

## Handling

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA IN ORIGINAL CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE. PROTECT FROM PHYSICAL DAMAGE.  
Other Precautions:DO NOT MIX WITH OTHER AGENTS.

## Exposure Controls

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.  
Ventilation:MECHANICAL (GENERAL) VENTILATION IS USUALLY ADEQUATE.  
Protective Gloves:RUBBER GLOVES

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES  
Other Protective Equipment:IF IRRITATION OCCURS, LONG SLEEVES AND IMPERVIOUS GLOVES SHOULD BE WORN.  
Work Hygienic Practices:KEEP DUST LEVELS TO MINIMUM.  
Supplemental Safety and Health  
DO NOT MIX WITH OTHER AGENTS.

## Chemical Properties

HCC:N1  
Solubility in Water:SLIGHT  
Appearance and Odor:YELLOW COLORED POWDER; NO CHARACTERISTIC ODOR

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ALKALIS, MAGNESIUM METAL  
Stability Condition to Avoid:PER MFR: NOT APPLICABLE. HMIS: AVOID  
EXPOSURE TO INCOMPATIBLE MATERIALS.  
Hazardous Decomposition Products:AMMONIA AND/OR PHOSPHORUS OXIDES

## Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FEDERAL, STATE AND LOCAL REGULATIONS.

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