

BURRIS CHEMICAL, INC. -- FLAME RETARDANT X-12 -- 8030-00-054-1686

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

Product ID:FLAME RETARDANT X-12

MSDS Date:11/25/1985

FSC:8030

NIIN:00-054-1686

MSDS Number: BHMBX

=== Responsible Party ===

Company Name:BURRIS CHEMICAL, INC.

Box:70788

City:CHARLESTON

State:SC

ZIP:29415

Country:US

Info Phone Num:803-577-9120

Emergency Phone Num:803-577-9120

Preparer's Name:J. D. H

ONEYCUTT

CAGE:JO899

=== Contractor Identification ===

Company Name:BURRIS CHEMICAL CO INC

Address:4200 AZALEA DR

Box:City:CHARLESTON

State:SC

ZIP:29415

Country:US

Phone:803-744-7421

CAGE:06746

Company Name:BURRIS CHEMICAL, INC.

Box:70788

City:CHARLESTON

State:SC

ZIP:29415

Country:US

Phone:803-577-9120

CAGE:JO899

===== Composition/Information on Ingredients =====

Ingred Name:BORIC ACID

CAS:10043-35-3

RTECS #:ED4550000

Fraction by Wt: 20%

ACGIH TLV:10 MG/M3

Ingred Name:PROPRIE

# TARY INGREDIENTS (NUISANCE DUST)

Fraction by Wt: 80%

## ===== Hazards Identification =====

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

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

Health Hazards Acute and Chronic:TOXIC IF SWALLOWED. INGESTION MAY CAUSE ABDOMINAL PAIN AND VOMITING. EYE IRRITATION, RESPIRATORY IRRITATION.

Explanation of Carcinogenicity:DUISANCE DUST 10 MG/M3

Effects of Overexposure:SKIN: MILD IRRI. TOXIC IF SWALLOWED. I NGESTION

MAY CAUSE ABDOMINAL PAIN AND VOMITING. EYE IRRITATION, RESPIRATORY IRRITATION.

Medical Cond Aggravated by Exposure:KIDNEY, LIVER DESEASES, NERVE DISORDERS & PRE-EXISTING RESPIRATORY DISEASES

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

First Aid:INHAL: REMOVE TO FRESH AIR. GIVE CPR IF NECESSARY. SEEK MED ATTN. EYE: FLUSH WITH LARGE AMTS OF WTR, LIFTING LIDS OCCASIONALLY. IF IRRI PERSIST, GET MED ATTN. SKIN: WASH WITH SOAP & WATER. IF IRR

I PER SISTS. GET MED ATTN. INGES: INDUCE VOMITIMMED, BY GIVE 2 GLASSES OF WATER & STICKING FINGER DOWN THROAT. CALL PHYSICIAN

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

Flash Point:NA

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:WATER, CO2, FOAM

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING

Unusual Fire/Explosion Hazard:NOT FLAMMABLE, BUT MAY RELEASE AMMONIA, SULFUR OXIDES, MELAMINE AND OXIDES OF CARBO N AND NITROGEN IF INVOLVED IN A FIRE

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

Spill Release Procedures:SWEEP UP SPILLS AND PLACE IN WASTE DISPOSAL CONTAINER

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

Handling and Storage Precautions:PROTECT FROM MOISTURE

Other Precautions:KEEP AWAY FROM CHILDREN.

NOTE TO PHYSICIAN: FLAME

RETARDANT X-12 CONTAINS 20% BORIC ACID.

## ===== Exposure Controls/P

Personal Protection =====

Respiratory Protection:A NIOSH APPROVED DUST RESPIRATOR IF ABOVE TLV  
Ventilation:LOCAL EXHAUST PREFERABLE  
Protective Gloves:IMPERMEABLE GLOVES  
Eye Protection:FACE SHIELD/SAFETY GLASSES  
Other Protective Equipment:CLEAN, FULLY PROTECTIVE WORK UNIFORM  
Supplemental Safety and Health  
NK

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

Boiling Pt:B.P. Text:150-225 F  
Vapor Pres:NA  
Spec Gravity:APPROX 1.7  
Evaporation Rate & Reference:NA  
Solubility in Water:SOLUBLE  
Appearance and Odor:BROWNISH-GRAY TO WHITE CRYSTALLINE SOLID  
Percent Volatiles by Volume:NEG

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

Stability Indicator/Materials to Avoid:YES  
POTASSIUM CHLORATE, AND ACETIC ANHYDRIDE. POTASSIUM NITRATE, SODIUM  
NITRITE, METAL CHLORATES, STRONG BASES, POTASSIUM  
Stability Condition to Avoid:UNSTABLE ABOVE 320 F. AVOID HEATING OF  
SOLUTIONS IN CLOSED VESSELS. EXCESSIVE HEAT, OXIDIZERS, PEROXIDES  
Hazardous Decomposition Products:AMMONIA, SULFUR OXIDE GASES, MELAMINE,  
CARBON MONOXIDE AND NITROGEN OXIDES

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

Waste Disposal Methods:DISPOSE OF ACCORDING TO APPLICABLE FEDERAL  
(RCRA),STATE AND LOCAL REGULATIONS

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