

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or

implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.