

# MSDS - Material Safety Data Sheet

## I. Basic Information:

**Manufacturer:** U.N.X. INCORPORATED  
**Address:** 707 ARLINGTON BLVD.  
**City, ST Zip:** GREENVILLE, NC 27858  
**Country:** USA

**Contact:** AMENDT; WILSON  
**Information Telephone Number:** 252-756-8616  
**Emergency Contact:** CHEMTEL  
**Emergency Telephone Number:** 800-255-3924  
**Emergency Restrictions:**

**Product Name:** BRITE-X-20  
**MSDS No.:** 43

**Issue Date:** 03/15/2007  
**Supersedes Date:** 07/29/1994

## II. Hazards Identification:

### EMERGENCY OVERVIEW

INHALATION, CAN IRRITATE, NOSE, THROAT, AND LUNGS.  
 SKIN CONTACT, CAN CAUSE TISSUE DESTRUCTION, WITH LONG TERM EXPOSURE.  
 INGESTION, SEVERE INTERNAL IRRITATION AND DAMAGE CAN RESULT IF TAKEN BY MOUTH.

### OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

### Potential Health Effects

#### **Route(s) of Entry:**

SKIN, EYES, INHALATION

#### **Health Hazards (Acute and Chronic):**

PRODUCT, EITHER DRY OR IN SOLUTION, IS DESTRUCTIVE TO TISSUE. SEVERE BURNS CAN BE PRODUCED. CONTACT WITH EYES CAN PRODUCE PERMANENT DAMAGE.

#### **Signs and Symptoms:**

INHALATION, CAN IRRITATE, NOSE, THROAT, AND LUNGS.  
 SKIN CONTACT, CAN CAUSE TISSUE DESTRUCTION, WITH LONG TERM EXPOSURE.  
 INGESTION, SEVERE INTERNAL IRRITATION AND DAMAGE CAN RESULT IF TAKEN BY MOUTH.

#### **Medical Conditions Generally Aggravated by Exposure:**

NONE KNOWN

#### **Other Health Warnings:**

NONE

### Potential Environmental Effects

NONE KNOWN

## III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
PSRN57948000-5010P	TradeSecret	75-85	
Sodium metasilicate	6834920	0-5	
Trichloro-s-triazinetrione, dry	87901	10-20	

## IV. First Aid Measures:

### Emergency and First Aid Procedures:

FOR SKIN, FLUSH THOROUGHLY WITH WATER UNTIL "SLIPPERY" FEELING IS GONE.  
 FOR EYES, FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN.  
 IF INGESTED, DRINK LARGE VOLUMES OF WATER FOLLOWED BY MILD ACIDS SUCH AS 5% ACETIC ACID, ORANGE JUICE, OR ANY CITRUS JUICE. DO NOT INDUCE VOMITING. CALL PHYSICIAN.

### Note to Physicians:

EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES.  
 DO NOT INDUCE VOMITING.

# MSDS - Material Safety Data Sheet

## V. Fire Fighting Measures:

### Suitable Extinguishing Media:

FLOOD WITH WATER

### Unsuitable Extinguishing Media:

NONE KNOWN

### Products of Combustion:

BILLOWING WHITE SMOKE MAY OCCUR.

### Protection of Firefighters:

USE NIOSH CERTIFIED GAS MASK WITH CANISTER FOR CHLORINE. IF POSSIBLE REMOVE CONTAINER TO OPEN AIR AND FLOOD WITH WATER.

## VI. Accidental Release Measures:

### Personal Precautions:

RUBBER GLOVES SHOULD BE WORN.  
SAFETY GOGGLES SHOULD BE WORN.

### Environmental Precautions:

NONE KNOWN

### Methods for Containment:

DIKE; APPROVED PLASTIC CONTAINERS

### Methods for Cleanup:

FOR A SMALL SPILL: IMMEDIATELY HOSE DOWN WITH COLD WATER AND DISPOSE TO DRAIN.  
FOR A LARGE SPILL: COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE TO A pH OF 7 WITH MURATIC OR PHOSPHORIC ACID SOLUTIONS. BE CAREFUL OF CHLORINE ODOR RELEASED DURING NEUTRALIZATION.

### Other Information:

Not Available

## VII. Handling and Storage:

### Handling Precautions:

EMPTY DRUMS MUST BE TREATED AS HAZARDOUS BECAUSE OF RESIDUES. STORE IN A DRY PLACE. DO NOT STORE WITH STRONG ACIDS. KEEP CONTAINER CLOSED.

### Storage Precautions:

AVOID BREATHING EXCESS CHLORINE. AVOID MIXING WITH DRY SOUR IN WASHWHEEL SUPPLY DISPENSER.

## VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Sodium metasilicate	2mg/m3	2mg/m3	Not Available
Trichloro-s-triazinetriene, dry	Not Available	Not Available	Not Available
PSRN57948000-5010P	Not Available	Not Available	Not Available

### Engineering Controls:

AVOID BREATHING DUST. IF EXPOSURE LIKELY, USE FILTER OR DUST TYPE RESPIRATOR.  
MECHANICAL VENTILATION IS ACCEPTABLE.

### Personal Protective Equipment:

RUBBER GLOVES SHOULD BE WORN.  
SAFETY GOGGLES SHOULD BE WORN.  
OTHER PROTECTIVE MEASURES: HAVE AN EYE BATH AND SAFETY SHOWER CLOSE BY. IF POTENTIAL FOR SKIN CONTACT, HAVE AN ACID HAND WASH NEAR BY (ie. VINEGAR SOLUTION.).  
WORK HYGIENIC PRACTICES: WASH HANDS, CHANGE OUT OF CLOTHES AS SOON AS POSSIBLE. WASH CLOTHES. SHOWER OR BATHE AS SOON AS POSSIBLE.

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## IX. Physical and Chemical Properties:

**Boiling Point:** N/A  
**Boiling Range:** N/A  
**Solubility In Water:** EXCELLENT AT USE CONCENTRATIONS  
**Flash Point:** N/A  
**Odor Threshold:** NO DATA  
**Vapor Density (AIR = 1):** N/A  
**pH Range:** Not Available  
**Decomposition Temp:** NO DATA  
**Lower Explosive Limit:** -  
**Specific Gravity (H2O = 1):** Not Available  
**Other Information:** THIS PRODUCT CONTAINS NO PHOSPHATES

**Melting Point:** NO DATA  
**Freezing Point:** N/A  
**Evaporation Rate (Butyl Acetate = 1):** N/A  
**Flash Point Method:** -  
**Appearance and Odor:** WHITE GRANULAR POWDER ,  
CHLORINE ODOR  
**Vapor Pressure (mm Hg.):** N/A  
**Partition Coefficient:** NO DATA  
**Auto-Ignition Temp:** NO DATA  
**Upper Explosive Limit:** -

## X. Stability and Reactivity:

### Stability:

STABLE UNDER IDEAL CONDITIONS

### Conditions to Avoid:

AVOID HIGH MOISTURE.

### Incompatible Materials:

EXCESS MOISTURE CAN CAUSE EXOTHERMIC REACTIONS.  
AVOID CONTACT WITH ACIDS, AMMONIA, AND LAUNDRY COMPOUNDS.

### Hazardous Decomposition Products:

AVOID CONTACT WITH ALUMINUM, ZINC, MAGNESIUM, COPPER. EXPLOSIVE HYDROGEN GAS AND CHLORINE GAS CAN BE RELEASED.

### Possibility of Hazardous Reactions:

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

## XI. Toxicological Information:

CONTACT U.N.X. INCORPORATED

## XII. Ecological Information:

CONTACT U.N.X. INCORPORATED

## XIII. Disposal Considerations:

FOR A SMALL SPILL: IMMEDIATELY HOSE DOWN WITH COLD WATER AND DISPOSE TO DRAIN.  
FOR A LARGE SPILL: COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE TO A pH OF 7 WITH MURATIC OR PHOSPHORIC ACID SOLUTIONS. BE CAREFUL OF CHLORINE ODOR RELEASED DURING NEUTRALIZATION. DISPOSE OF DOWN DRAIN AFTER APPROVAL OF APPROPRIATE AUTHORITIES.  
CLEAN AND NEUTRALIZE ALL AREAS OF CONTACT.

## XIV. Transport Information:

**Shipping Name:** N/A  
**DOT Hazard Class:** Not Available  
**UN/NA#:** Not Available  
**Transportation Information:**  
NOT DOT REGULATED

**DOT Subsidiary Hazard Class:** Not Available  
**Packing Group:** Not Available

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**XV. Regulatory Information:**

UNLESS OTHERWISE NOTED, NO COMPONENTS ARE SARA TITLE 3 SECTION 313 40 CFR LISTED MATERIALS.  
 THE INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.  
 THIS PRODUCT IS NOT MADE WITH VOC'S THAT COULD CAUSE DAMAGE TO THE OZONE LAYER.

**XVI. Other Information:**

**Chemical State:**     Liquid     Gas     Solid  
**Chemical Type:**     Pure     Mixture  
**Hazard Category:**  
                           Acute     Chronic     Fire  
                           Pressure     Reactive



**Additional Manufacturer Warnings:**

Not Available

2	Health
0	Flammability
1	Physical Hazard
C	Pers. Protection

**Additional Product Information:**

POWDERED BLEACH