

# 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:** FLO-CHARGE  
**MSDS No.:** 615

**Issue Date:** 08/15/2007  
**Supersedes Date:** 11/09/2005

## 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, CAN BE DESTRUCTIVE TO TISSUE. SKIN BURNS CAN BE PRODUCED. CONTACT WITH EYES CAN CAUSE 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
Isopropanol	67630	0-5	
PSRN57948000-5001P	TradeSecret	10-20	
PSRN57948000-5002P	TradeSecret	0-5	
PSRN57948000-5047P	TradeSecret	15-25	
Water	7732185	55-65	

## IV. First Aid Measures:

### Emergency and First Aid Procedures:

FOR SKIN, FLUSH THOROUGHLY WITH SOAP AND WATER.  
 FOR EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN.  
 IF INGESTED, DRINK LARGE VOLUMES OF WATER. DO NOT INDUCE VOMITING. CALL PHYSICIAN.

### Note to Physicians:

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

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## V. Fire Fighting Measures:

### Suitable Extinguishing Media:

FLOOD WITH WATER

### Unsuitable Extinguishing Media:

NONE KNOWN

### Products of Combustion:

DECOMPOSITION RELEASES OXYGEN WHICH MAY INTENSIFY FIRE.

### Protection of Firefighters:

USE NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS WHERE PRODUCT IS INVOLVED IN FIRE.

## 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 SMALL SPILLS, MATERIAL SHOULD BE DILUTED WITH WATER AND DISPOSED TO SEWER. FOR LARGE SPILLS, DILUTE WITH WATER AND IF POSSIBLE DIRECT THE DILUTED SOLUTION TO A DIKED AREA UNTIL DECOMPOSED.

### Other Information:

Not Available

## VII. Handling and Storage:

### Handling Precautions:

KEEP CONTAINER CLOSED. DO NOT MIX WITH ALKALI IN WASHWHEEL SUPPLY DISPENSER.

### Storage Precautions:

STORE IN A COOL, WELL VENTILATED AREA. DO NOT STORE NEAR HAZARDOUS MATERIALS.

ANY TANK OR CONTAINER SURROUNDED BY FIRE SHOULD BE FLOODED WITH WATER FOR COOLING. IF THIS PRODUCT IS LEAKING, PROTECTIVE CLOTHING SHOULD BE WORN.

## VIII. Exposure Controls/Personal Protection:

<u>Chemical Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>
Water	Not Available	Not Available	Not Available
PSRN57948000-5047P	1ppm	1ppm	Not Available
PSRN57948000-5002P	Not Available	Not Available	Not Available
Isopropanol	400ppm	400ppm	Not Available
PSRN57948000-5001P	Not Available	Not Available	Not Available

### Engineering Controls:

AVOID BREATHING MIST. IF EXPOSURE IS LIKELY, USE FILTER OR PROTECTIVE RESPIRATOR. MECHANICAL VENTILATION IS ACCEPTABLE.

### Personal Protective Equipment:

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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, WEAR PROTECTIVE GLOVES AND HAVE A HAND WASH AREA NEAR BY (ie. SOAP SOLUTION.).  
WORK/HYGIENIC PRACTICES: WASH HANDS, CHANGE OUT OF CLOTHES AS SOON AS POSSIBLE. WASH CLOTHES. SHOWER OR BATHE AS SOON AS POSSIBLE.

## IX. Physical and Chemical Properties:

<b>Boiling Point:</b> 108°C	<b>Melting Point:</b> NO DATA
<b>Boiling Range:</b> NO DATA	<b>Freezing Point:</b> -3°C
<b>Solubility In Water:</b> EXCELLENT	<b>Evaporation Rate (Butyl Acetate = 1):</b> NO DATA
<b>Flash Point:</b> N/A	<b>Flash Point Method:</b> -
<b>Odor Threshold:</b> NO DATA	<b>Appearance and Odor:</b> LIGHT YELLOW COLOR, CITRUS FRAGRANCE
<b>Vapor Density (AIR = 1):</b> 1	<b>Vapor Pressure (mm Hg.):</b> NO DATA
<b>pH Range:</b> 2.1 - 4	<b>Partition Coefficient:</b> NO DATA
<b>Decomposition Temp:</b> NO DATA	<b>Auto-Ignition Temp:</b> NO DATA
<b>Lower Explosive Limit:</b> -	<b>Upper Explosive Limit:</b> -
<b>Specific Gravity (H2O = 1):</b> 1.03	
<b>Other Information:</b> THIS PRODUCT CONTAINS NO PHOSPHATES	

## X. Stability and Reactivity:

### Stability:

STABLE UNDER IDEAL CONDITIONS ONLY

### Conditions to Avoid:

AVOID CONTACT WITH STRONG ACIDS OR ALKALI.

### Incompatible Materials:

HEAVY METALS, REDUCING AGENTS, RUST, DIRT, ORGANIC MATERIALS, STRONG OXIDIZING AGENTS.

### Hazardous Decomposition Products:

HEAT AND OXYGEN

### 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 SMALL SPILLS, MATERIAL SHOULD BE DILUTED WITH WATER AND DISPOSED TO SEWER. FOR LARGE SPILLS, DILUTE WITH WATER AND IF POSSIBLE DIRECT THE DILUTED SOLUTION TO A DIKED AREA UNTIL DECOMPOSED. ASK LOCAL AUTHORITIES ABOUT WASTE DISPOSAL.

## XIV. Transport Information:

**Shipping Name:** N/A

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**DOT Hazard Class:** Not Available

**DOT Subsidiary Hazard Class:** Not Available

**UN/NA#:** Not Available

**Packing Group:** Not Available

**Transportation Information:**

NOT DOT REGULATED

***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

<b>2</b>	Health
<b>0</b>	Flammability
<b>2</b>	Physical Hazard
<b>C</b>	Pers. Protection

**Additional Product Information:**

COLOR SAFE BLEACH DETERGENT