

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: LUSTRO
MSDS No.: 48

Issue Date: 02/21/2005
Supersedes Date: 12/17/2004

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
Phosphoric acid	7664382	0-10	
PSRN57948000-5024P	TradeSecret	30-40	
PSRN57948000-5059P	TradeSecret	0-5	
Water	7732185	55-65	

IV. First Aid Measures:

Emergency and First Aid Procedures:

FOR SKIN, WASH WITH SOAP AND WATER FOR 3-5 MINUTES. RINSE WITH WATER.
 FOR EYES, FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN. CONTINUE TO FLUSH WITH WATER UNTIL MEDICAL ATTENTION IS RECEIVED.
 IF INGESTED, DRINK LARGE VOLUMES OF WATER FOLLOWED BY MILK. THEN ADMINISTER MILK OF MAGNESIA (APPROXIMATELY 2 TABLESPOONS). IF VOMITING OCCURS SPONTANEOUSLY, ADMINISTER FLUID REPEATEDLY. GIVE MILK OR BEATEN EGGS EVERY ONE TO TWO HOURS.

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Note to Physicians:

EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES.
IF INGESTED, DRINK LARGE VOLUMES OF WATER FOLLOWED BY MILK.

V. Fire Fighting Measures:
Suitable Extinguishing Media:

DRY CHEMICAL, WATERFOG, CO2, FOAM

Unsuitable Extinguishing Media:

NONE KNOWN

Products of Combustion:

EXPLOSIVE HYDROGEN GAS CAN BE RELEASED.

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 SPILL, IMMEDIATELY HOSE DOWN WITH COOL WATER AND DISPOSE DOWN DRAIN.
FOR LARGE SPILL, DIKE, COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF COOL WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE (pH OF 7.0) WITH LIMESTONE OR SODA ASH.

Other Information:

Not Available

VII. Handling and Storage:
Handling Precautions:

KEEP CONTAINER CLOSED.

Storage Precautions:

STORE IN A DRY COOL PLACE.

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Phosphoric acid	1mg/m3	1mg/m3	Not Available
Water	Not Available	Not Available	Not Available
PSRN57948000-5024P	Not Available	Not Available	Not Available
PSRN57948000-5059P	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:

Boiling Point: 138°C	Melting Point: NO DATA
Boiling Range: NO DATA	Freezing Point: 0°C
Solubility In Water: EXCELLENT	Evaporation Rate (Butyl Acetate = 1): NO DATA
Flash Point: N/A	Flash Point Method: N/A
Odor Threshold: NO DATA	Appearance and Odor:
Vapor Density (AIR = 1): N/A	Vapor Pressure (mm Hg.): 5.8
pH Range: 0 - 2	Partition Coefficient: NO DATA
Decomposition Temp: NO DATA	Auto-Ignition Temp: NO DATA
Lower Explosive Limit: N/A	Upper Explosive Limit: N/A
Specific Gravity (H2O = 1): 1.16780	
Other Information: THIS PRODUCT CONTAINS PHOSPHATES.	

X. Stability and Reactivity:

Stability:

VERY STABLE

Conditions to Avoid:

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

Incompatible Materials:

AVOID CONTACT WITH BLEACHES AND LAUNDRY COMPOUNDS. STRONG DECOMPOSITION REACTION CAN RESULT.

Hazardous Decomposition Products:

EXPLOSIVE HYDROGEN 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 SMALL SPILL, IMMEDIATELY HOSE DOWN WITH COOL WATER AND DISPOSE DOWN DRAIN.
FOR LARGE SPILL, DIKE, COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF COOL WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE (pH OF 7.0) WITH LIMESTONE OR SODA ASH. DISPOSE DOWN DRAIN AFTER APPROVAL OF THE APPROPRIATE AUTHORITIES. CLEAN AND NEUTRALIZE ALL AREAS OF CONTACT.

XIV. Transport Information:

Shipping Name: COMPOUND, CLEANING LIQUID (PHOSPHORIC ACID)

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DOT Hazard Class: 8

DOT Subsidiary Hazard Class: Not Available

UN/NA#: NA 1760

MSDSPackGroup: II

Transportation Information:

NA 1760

DOT HAZARD CLASS: 8

LABEL: CORROSIVE

PG: II

PROPER SHIPPING NAME: COMPOUND, CLEANING LIQUID (PHOSPHORIC ACID)

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

3	Health
0	Flammability
0	Physical Hazard
D	Pers. Protection

Additional Product Information:

DESCALER