

MSDS - Material Safety Data Sheet

Product Name: HORIZON REVEAL

MSDS No.: 909

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:

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Issue Date: 11/24/2009

Supersedes Date: 08/15/2007

II. Hazards Identification:

EMERGENCY OVERVIEW

INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.
SKIN CONTACT, CAN IRRITATE OR CHAP SKIN.
INGESTION, WILL CAUSE GASTRIC DISTRESS, VOMITING AND DIARRHEA.

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 IRRITATE SKIN. EYE CONTACT CAN CAUSE BURNING AND EXTREME IRRITATION.

Signs and Symptoms:

INHALATION, CAN IRRITATE NOSE, THROAT, AND LUNGS.
SKIN CONTACT, CAN IRRITATE OR CHAP SKIN.
INGESTION, WILL CAUSE GASTRIC DISTRESS, VOMITING AND DIARRHEA.

Medical Conditions Generally Aggravated by Exposure:

NONE KNOWN

Other Health Warnings:

NONE

Potential Environmental Effects

NONE

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
2-Butoxyethanol	111762	15-30	
Ammonium hydroxide	1336216	0-5	
Isopropanol	67630	10-20	
PSRN57948000-5023P	TradeSecret	0-5	
Water	7732185	50-60	

IV. First Aid Measures:

Emergency and First Aid Procedures:

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FOR SKIN, FLUSH THOROUGHLY WITH SOAP AND WATER.

FOR EYES, FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN.

IF INGESTED, DRINK LARGE VOLUMES OF WATER FOLLOWED BY MILK THEN INDUCE VOMITING. CALL PHYSICIAN.

INHALATION, MOVE TO A WELL VENTILATED AREA AND CONTACT PHYSICIAN IF NORMAL BREATHING DOES NOT RESTORE WITHIN 5 MINUTES.

Note to Physicians:

EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES.

IF INGESTED, INDUCE VOMITING.

V. Fire Fighting Measures:

Suitable Extinguishing Media:

DRY CHEMICAL, WATERFOG, CO2, FOAM

Unsuitable Extinguishing Media:

NONE KNOWN

Products of Combustion:

HYDROGEN

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 A SMALL SPILL, IMMEDIATELY HOSE DOWN WITH COOL WATER AND DISPOSE TO DRAIN.

FOR A LARGE SPILL, DIKE, COLLECT AND CONTACT LOCAL AUTHORITIES ABOUT DISPOSAL.

Other Information:

Not Available

VII. Handling and Storage:

Handling Precautions:

DO NOT MIX WITH ANY CHLORINE PRODUCTS.

Storage Precautions:

STORE IN A COOL DRY PLACE.

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
2-Butoxyethanol	25ppm	25ppm	Not Available
Water	Not Available	Not Available	Not Available
Ammonium hydroxide	35ppm	25ppm	Not Available
PSRN57948000-5023P	Not Available	Not Available	Not Available
Isopropanol	400ppm	400ppm	Not Available

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Engineering Controls:

AVOID BREATHING MIST. IF EXPOSURE IS LIKELY, USE FILTER OR PROTECTIVE 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.

IX. Physical and Chemical Properties:

Boiling Point: 171°C

Boiling Range: NO DATA

Solubility In Water: EXCELLENT

Flash Point: 66°C

Odor Threshold: NO DATA

Vapor Density (AIR = 1): 4.1

pH Range: 4.1 - 10

Decomposition Temp: NO DATA

Lower Explosive Limit: 1.1% VOL

Specific Gravity (H2O = 1): 0.95

Other Information: THIS PRODUCT CONTAINS NO PHOSPHATES.

Melting Point: NO DATA

Freezing Point: -15°C

Evaporation Rate (Butyl Acetate = 1): NO DATA

Flash Point Method: TCC

Appearance and Odor: BLUE LIQUID, AMMONIA ODOR

Vapor Pressure (mm Hg.): 0.88

Partition Coefficient: NO DATA

Auto-Ignition Temp: NO DATA

Upper Explosive Limit: 10.6% VOL

X. Stability and Reactivity:

Stability:

VERY STABLE

Conditions to Avoid:

AVOID CONTACT WITH ACIDS AND LAUNDRY COMPOUNDS.

Incompatible Materials:

CHLORINE, HEAT

Hazardous Decomposition Products:

AMMONIA

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 COOL WATER AND DISPOSE TO DRAIN.

FOR A LARGE SPILL, DIKE, COLLECT AND CONTACT LOCAL AUTHORITIES ABOUT DISPOSAL.

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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

0	Health
0	Flammability
0	Physical Hazard
C	Pers. Protection

Additional Product Information:

GLASS CLEANER