

# 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:** HORIZON REV! TWO  
**MSDS No.:** 1192

**Issue Date:** 05/08/2008  
**Supersedes Date:** 03/14/2007

## 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 KNOWN

## III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
PSRN57948000-5001P	TradeSecret	0-5	
PSRN57948000-5058P	TradeSecret	0-5	
PSRN57948000-5071P	TradeSecret	0-10	
Water	7732185	85-95	

## IV. First Aid Measures:

### Emergency and First Aid Procedures:

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.

### Note to Physicians:

EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES.  
 IF INGESTED, INDUCE VOMITING.

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## V. Fire Fighting Measures:

### Suitable Extinguishing Media:

PRODUCT IS NOT SELF IGNITING WHEN EXPOSED TO NORMAL ATMOSPHERIC CONDITIONS. HAZARDOUS THERMAL DECOMPOSITION PRODUCTS ARE SULFUR OXIDES, CARBON DIOXIDE, CARBON MONOXIDE, AMMONIA, NITROUS OXIDES, HYDROGEN CHLORIDE.

### Unsuitable Extinguishing Media:

NONE KNOWN

### Products of Combustion:

SULFUR OXIDES, CARBON DIOXIDE, CARBON MONOXIDE, AMMONIA, NITROUS OXIDES, HYDROGEN CHLORIDE.

### 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, ABSORB LIQUID WITH PAPER, FLOOR PAPER, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL. FOR LARGE SPILL: PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, OR OTHER ABSORBENT MATERIAL.

### Other Information:

Not Available

## VII. Handling and Storage:

### Handling Precautions:

AVOID MIXING WITH LAUNDRY BLEACHING COMPOUNDS. AVOID CONTAMINATION OF FOOD. PROTECT AGAINST SPLASHING IN EYES.

### Storage Precautions:

STORE IN A COOL WELL VENTILATED AREA.

## VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Water	Not Available	Not Available	Not Available
PSRN57948000-5071P	Not Available	Not Available	Not Available
PSRN57948000-5001P	Not Available	Not Available	Not Available
PSRN57948000-5058P	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:

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.

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## IX. Physical and Chemical Properties:

**Boiling Point:** NO DATA

**Boiling Range:** NO DATA

**Solubility In Water:** EXCELLENT

**Flash Point:** 94°C

**Odor Threshold:** NO DATA

**Vapor Density (AIR = 1):** NO DATA

**pH Range:** 4.1 - 10

**Decomposition Temp:** NO DATA

**Lower Explosive Limit:** -

**Specific Gravity (H2O = 1):** 0.99

**Other Information:** THIS PRODUCT CONTAINS NO PHOSPHATES.

**Melting Point:** NO DATA

**Freezing Point:** -10°C

**Evaporation Rate (Butyl Acetate = 1):** NO DATA

**Flash Point Method:** TAGLIABLE C.C.

**Appearance and Odor:** YELLOW LIQUID, CITRUS FRAGRANCE

**Vapor Pressure (mm Hg.):** NO DATA

**Partition Coefficient:** NO DATA

**Auto-Ignition Temp:** NO DATA

**Upper Explosive Limit:** -

## X. Stability and Reactivity:

### Stability:

VERY STABLE

### Conditions to Avoid:

AVOID MIXING WITH LAUNDRY BLEACHING COMPOUNDS.

### Incompatible Materials:

OXIDIZABLE OR COMBUSTIBLE ORGANIC MATERIALS, STRONG OXIDIZERS.

### Hazardous Decomposition Products:

CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN COMPOUNDS.

### 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:

CONTACT LOCAL AUTHORITIES ABOUT DISPOSAL.

## 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

## XV. Regulatory Information:

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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

1	Health
1	Flammability
0	Physical Hazard
C	Pers. Protection

**Additional Product Information:**

DETERGENT DISINFECTANT