

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name: WH 3200 Guardian  
Product Use: Chlorinated Solvent Replacement  
Product Codes: WH-3200  
Date of Issue: 05/21/2015  
Emergency Telephone Number:  
CALL INFOTRAC - DAY OR NIGHT (800) 535-5053 INTL: (352) 323-3500



Manufactured for:  
H&P Associates, Inc.  
DBA WorkHorse Cleaner Products  
P O Box 1086  
Fairhope, AL 36533  
For other information call (251) 510-3614

## 2. HAZARDS IDENTIFICATION

**GHS - Signal Word: WARNING**

**GHS - Classification:**

Eye Irritation - Category 2

**GHS - Hazard Statement:**

H316 - Causes mild skin irritation

H319 - Causes serious eye irritation

**GHS - Prevention Statement:**

P233 - Keep container tightly closed

P243 - take precautionary measures against static discharge

P262 - Do not get in eyes, on skin, or on clothing

P264 - Wash thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P280 - Wear protective gloves, protective clothing, eye and face protection

**GHS - Response Statement:**

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P301 + P331 + P310 - IF SWALLOWED: DO NOT induce vomiting. Immediately call a POISON CENTER or Doctor/Physician

P303+P361+P352 - IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with plenty of soap and water

**Potential Health Effects:**

**Skin:** May cause irritation, dry skin

**Eyes:** May cause irritation and discomfort

**Inhalation:** May cause irritation to the respiratory tract; may cause coughing, and/or difficulty breathing

**Ingestion:** May cause aspiration into the lungs with the risk of chemical pneumonitis. If material enters the lungs, signs and symptoms may include coughing wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. Symptoms may be delayed for several hours

**GHS HAZARD PICTOGRAM(S):**



GHS07

HAZARD RATINGS HMIS NFPA

Health	1	1
Flammability	0	0
Reactivity	0	0
PPE	X	

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	EC Number	CAS Number	% Range	OSHA,PEL	ACGIH,TLV
n-propyl bromide	203-445-0	106-94-5	>90	not known	not known

## 4. FIRST AID MEASURES

**EYE CONTACT:**

Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lens after the first 2 minutes.

Get medical attention immediately.

**SKIN CONTACT:**

Immediately flush with water. Remove all contaminated clothing and continue flushing with water. Wash contaminated areas with soap and water.

Thoroughly clean and dry contaminated clothing before reuse. If irritation persists, seek medical attention.

**INHALATION:**

Move exposed person to fresh air. If irritation persists, seek medical attention.

**INGESTION:**

Never give anything by mouth to an unconscious or convulsive person. Do NOT induce vomiting. Drink several glasses of water. Get medical attention immediately.

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## 5. FIRE FIGHTING MEASURES

**Flash Point:** None

**Autoignition Temperature:** 490°C

**Flammable Limits:** 4.0 - 8.0(%by volume in air)

**Extinguishing Media:** Water Spray, Carbon Dioxide, Foam, Dry Chemical, Halon, Any "C" Class

**Unusual Fire and Explosion Hazards:** Containers may explode in fire. Toxic and corrosive fumes may be released

**Fire Fighting Procedures:** Fire responders should wear full protection gear and Self-Contained Breathing Apparatus. Move containers from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Evacuate unprotected personnel from the area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in section 8. Contain and recover liquid if possible. Use non-sparking tools and equipment. Cover or absorb spilled liquid with sand, earth or other inert material. Clean up spill immediately and place in appropriate containers. Do not discharge to sewers and surface waters. Notify authorities if entry occurs. Remove all sources of ignition.

U.S. Regulations (CERCLA) requires reporting spills and releases to soil, water and air in excess of reportable quantities.

Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations.

## 7. HANDLING & STORAGE

### Handling:

Wear protective equipment (See Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using chemical products. Wash thoroughly after handling. Keep in the original container. Do not use container for other purposes.

### Storage:

Store and handle in accordance with all current regulations and standards. Keep container tightly closed and properly labeled. Keep separated from incompatible substances.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Use with adequate ventilation. Ensure eyewash/safety shower stations are available near areas where this product is used.

### Personal Protection:

**Eyes/Face** Safety Glasses or chemical Goggles. Faceshield to guard against splashing

**Skin/Body** PVC, Rubber or Neoprene gloves and sleeves

**Respiratory** Not needed under normal and intended conditions of product use.

**General** Wear protective clothing to guard against splashing, including boots and apron made from PVC or neoprene. Maintain eye wash fountain and quick drench safety shower in work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid	<b>Vapor Pressure</b>	110mmHg at 20°C
<b>Color</b>	Clear, colorless	<b>Vapor Density</b>	4.3
<b>Odor</b>	Characteristic	<b>Evaporation Rate</b>	4.5 : nBuOAc = 1.0
<b>Specific Gravity</b>	1.33	<b>Boiling Point</b>	158°F(70°C)
<b>Solubility in Water</b>	0.25 g/100ml at 20°C	<b>Volatiles</b>	100%
<b>pH</b>	N/A	<b>VOC</b>	<90%

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable under recommended storage conditions

**Reactivity** No data available

**Conditions to Avoid** Heat, flames and sparks

**Incompatibility** Strong oxidizing agents, strong bases

**Hazardous Decomposition** No data available

**Hazardous Polymerization** Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

LC50 Inhalation - Rat - 30h - 253 mg/l

Dermal: No data available

LD50 Intraperitoneal - Rat - 2,950 mg/kg

### Carcinogenicity

IARC, NTP, OSHA: None present at levels >0.1%

### Mutagenicity

No data available

**Eye Damage** No data available

**Skin Sensitisation** No data available

**Skin Irritation** No data available

**Irritation** Irritant

**Corrosivity** None

**Reproductive Effects** Presumed human reproductive toxicant. May cause reproductive disorders. May damage fertility.

**Target Organs** Organs, respiratory

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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity (aquatic and terrestrial)</b>	No data available
<b>Persistence and Degradability</b>	No data available
<b>Bioaccumulative Potential</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other Adverse Effects</b>	No data available

## 13. DISPOSAL CONSIDERATIONS

### Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

## 14. TRANSPORTATION INFORMATION

<b>DOT Proper Shipping Name</b>	Not Regulated
<b>DOT Hazard Class</b>	Not Regulated
<b>DOT I.D. Number</b>	Not Regulated
<b>DOT Packing Group</b>	Not Regulated
<b>DOT Label(s)</b>	Not Regulated

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations specific for the product in question.

This regulatory data is not intended to be all-inclusive, only selected regulations are represented.

### U.S. Federal regulations

#### OSHA Hazard Communication Standard (26 CFR 1910.1200)

( ) Hazardous (X) Non-Hazardous

#### SARA TITLE III

Section 302/304 Extremely Hazardous Substances: None to report

Section 311/312 (40CFR370) Hazardous Categories:

( ) None (X) Acute ( ) Chronic ( Fire ) Pressure ( ) Reactive

Section 313 Toxic Chemical List: Does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels

#### TSCA

All ingredients listed in section 3 of this SDS are listed on the TSCA Inventory. Any impurities present are exempt from listing.

### U.S. State Regulations

California Prop 65

Warning: This product contains a chemical known to the State of California to cause cancer birth defects or other reproductive harm.

Ingredient : 1-Bromopropane

All or some ingredients listed in section 3 of this SDS are on the following states Right TO Know listings

Massachusetts, New Jersey, Pennsylvania

### International Regulations

All ingredients listed in section 3 of this SDS are on the following inventories or are exempted from listing

Country	Notification	Country	Notification	Country	Notification
Australia	AICS	European Union	EINECS	New Zealand	NZIoC
Canada	DSL	Japan	ENCS/ISHL	Philippines	PICCS
China	IECS	Korea	ECL		

## 16. OTHER INFORMATION

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Completed On May 21, 2015  
Completed By Chemist, President: R. Law