

## SECTION 1: PRODUCT AND COMPANY INFORMATION

**Product Name:** VP HP

**Product Code:** 10913

**Supplier:** Walter USA  
N22 W23855 RidgeView Parkway W.  
Waukesha WI 53188

**Telephone:** (800) 945-5554  
**Fax:** (262) 347-2500  
**Email:** service.us@walter-tools.com

**In case of Emergency:** DOMESTIC NORTH AMERICA  
800-424-9300  
INTERNATIONAL  
703-527-3887 (collect calls accepted)

### Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** Water dilutable metal-working fluid

**Restrictions on use** For intended industrial use only

## SECTION 2: HAZARD IDENTIFICATION

**GHS Classification** In accordance with 29 CFR 1910.1200 OSHA HCS 2012  
Skin Corrosion/Irritant - Category 1  
Eye Corrosion/Irritant - Category 1  
Specific Target Organ Toxicity (Repeated Exposure) Category 2

### GHS Label

Hazard pictogram



Signal word

Danger

Hazard Statement

Causes serious eye damage  
Cause severe skin burns and eye damage  
May cause damage to organs through prolonged or repeated exposure

### Precautionary statements

**Prevention** Wash hands thoroughly after handling.  
Wear protective gloves, eye protection, and face protection.  
Do not breathe mist, vapors, or spray.

**Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER or doctor.  
 IF ON SKIN: Wash with plenty of water. Specific treatment can be found in section 4.  
 If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.  
 Get medical advice or attention if you feel unwell.  
 Specific treatment: refer to SDS Section 4.

**Storage** Store locked up.

**Disposal** Dispose of contents and container in accordance with local and national regulations.

**Hazards not otherwise classified** Not applicable

**Other hazards** 11% of the mixture consists of ingredients of unknown toxicity.

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

**Substance / Mixture:** Not applicable

Components/Ingredients	CAS No.	%
2-aminoethanol	141-43-5	2
tris(2-hydroxyethyl)amine	102-71-6	1
2-(2-Aminoethoxy)ethanol	929-06-6	8

**SECTION 4: FIRST AID MEASURES**

**Eye Contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin Contact** IF ON SKIN: Wash skin with soap and water. Remove contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

**Ingestion** Do NOT induce vomiting. Seek medical attention.

**Inhalation** Move victim to fresh air if adverse effects are observed.

**Most important symptoms/effects**

**Acute:** Direct contact with product concentrate may cause eye irritation.

**Delayed:** Prolonged/repeated exposure may cause mild skin irritation in susceptible individuals.

**Indication of any immediate medical attention and special treatment needed**

**Notes to physician** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## SECTION 5: FIREFIGHTING MEASURES

<b>Extinguishing Media</b>	Water based product, should not burn. <b>Suitable Extinguishing Media:</b> Regular foam, carbon dioxide, dry chemical. <b>Unsuitable Extinguishing Media:</b> Not applicable
<b>Hazardous Combustion Products</b>	Smoke, soot, fumes or vapors, oxides of: carbon, nitrogen, sulfur, and hydrogen chloride.
<b>Special Fire Fighting Instructions</b>	Structural firefighters' protective clothing will only provide limited protection. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA). Water spray may be used to cool containers exposed to fire.
<b>Unusual Fire or Explosion Hazards</b>	Product boils and foams excessively when heated above 200°F.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material.
<b>Environmental Precautions</b>	Avoid run off to waterways and sewers.
<b>Methods and material for containment and cleaning up</b>	

**Containment/Clean-up measures** Recover free liquid for recycle or disposal. Add absorbent to spill area. LARGE SPILLS: Dike far ahead of liquid spill for later disposal.

## SECTION 7: HANDLING AND STORAGE

**Handling** Do not mix or store with strong oxidants. Wash hands thoroughly after handling.  
Empty container contains product residue which may exhibit hazards of product.

**Storage** Store in a dry, well ventilated place. Keep container tightly closed when not in use. Keep away from open flame and incompatible materials such as strong oxidizers.

**Incompatible Materials** Contains alkanolamine. Do not mix with or add nitrites as this could form nitrosamines, some of which are animal carcinogens.

**General Industrial Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating or drinking. Safety shower and eye wash should be available close to work station.

**Environmental Exposure Controls** Follow best practice for site management and disposal of waste. Avoid release to the environment.

## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

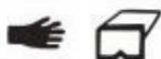
**Engineering Controls** Use adequate mechanical (general) ventilation or local exhaust as needed to control concentration of airborne contaminants below applical exposure limit values.

### PEL/TLV

2-aminoethanol	OSHA (PEL): 3 ppm TWA ACGIH (TLV): 3 ppm TWA
tris(2-hydroxyethyl)amine	ACGIH (TLV): 5mg/m <sup>3</sup>

### Personal Protective Equipment

#### Pictograms



**Eye / Face Protection** Wear safety goggles.

**Skin Protection** Where extensive dermal exposure may be expected, either a chemical suit or chemical apron will be needed.

<b>Hand Protection</b>	Wear protective gloves- neoprene, butyl or nitrile rubber with cuffs.
<b>Respiratory Protection</b>	Not necessary under conditions of normal use. In case of insufficient ventilation, wear suitable respiratory equipment if exposure limits are exceeded.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Blue Liquid
<b>Odor</b>	Low Odor
<b>Odor threshold</b>	Not determined
<b>Melting Point/Freezing Point</b>	Not determined
<b>Boiling Point</b>	Not determined
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Nil
<b>Flammability (solid, gas)</b>	Not applicable
<b>pH</b>	Not determined
<b>Flammability Limits</b>	Not determined
<b>Vapor Pressure</b>	Nil
<b>Vapor Density (Air=1)</b>	>1
<b>Specific Gravity/Relative</b>	1.0-1.3
<b>Solubilities</b>	Soluble in water
<b>Octanol/Water Partition coefficient</b>	Not determined
<b>Autoignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not determined
<b>Viscosity</b>	Not determined

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical Stability</b>	Stable under normal temperatures and pressures.
<b>Conditions to Avoid</b>	Not determined
<b>Incompatibility with other Materials</b>	Do not mix with strong oxidants.
<b>Hazardous decomposition materials</b>	None known under normal use.
<b>Possibility of hazardous reaction</b>	Not determined

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on the likely routes of exposure; symptoms; and acute, delayed and chronic effects

Eye Contact	Direct contact with concentrate may cause eye irritation, possibly severe, based on component information.
Inhalation	Overexposure to mists or vapors may irritate respiratory tract.
Skin Contact	Prolonged/repeated exposure to concentrate may cause mild skin irritation in some individuals.
Ingestion	Ingestion of concentrate may cause gastrointestinal irritation.

### Numerical measures of toxicity

Acute toxicity	Not acutely toxic
Skin corrosion/irritation	9.7 % Classified as Category 1 causes severe burns and eye damage
Serious eye damage/irritation	9.7 % Classified as Category 1 causes serious eye damage
Respiratory or skin sensitization	Not Classified
Germ cell mutagenicity	Not Classified
Carcinogenicity	Not Classified
Reproductive toxicity	Not Classified
STOT-single exposure	Not Classified
STOT-repeated exposure	12.4 % Classified Category 2, may cause damage to organs through prolonged/repeated exposure
Aspiration hazard	Not Classified

**Carcinogenicity:**

Not listed in NTP, OSHA, or IARC monographs.

**Additional Information**

Practical experience has not demonstrated any adverse effects with normal use dilutions of this product.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Toxicity</b>	Not determined.
<b>Persistence and degradability</b>	Not determined.
<b>Bioaccumulative potential</b>	Not determined.
<b>Mobility in Soil</b>	Liquid soluble in water.
<b>Other adverse effects</b>	Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Product waste:** Do not discard into any sewers, on the ground, or any body of water. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. This product, as manufactured in its present state, is not considered to be a hazardous waste according to 40CFR 261.4(b)(4). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This product should be recycled if possible, otherwise it should be disposed of in accordance with all applicable federal, state, and local regulations.

**Contaminated containers or packaging:** Contaminated containers should be offered for professional cleaning before reuse. Dispose of spent container in accordance with local, regional, national, and/or international regulations.

## SECTION 14: TRANSPORT INFORMATION

<b>UN Number</b>	Not regulated for transport
<b>UN Proper Shipping Name</b>	Not applicable
<b>Transport Hazard Class(es)</b>	Not applicable
<b>Packing Group</b>	Not applicable
<b>Environmental Hazards</b>	Not determined



Name: VP HP  
SDS Date: 6/1/2015

Walter USA, LLC  
N22 W23855 RidgeView Parkway W  
Waukesha, WI 53188

Transport in Bulk Not regulated  
Special Precautions for user None specified

## SECTION 15: REGULATORY INFORMATION

### Global Chemical Inventories

<b>USA</b>	All components of this material are on the US TSCA Inventory or are exempt.
<b>Other TSCA Reg.</b>	Not determined.
<b>Australia</b>	Not determined.
<b>Canada</b>	Not determined.
<b>China</b>	Not determined.
<b>EU</b>	Not determined.
<b>Japan</b>	Not determined.
<b>Korea</b>	Not determined.
<b>New Zealand</b>	Not determined.
<b>Switzerland</b>	Not determined.

### Other U.S. Federal Regulations

**SARA Ext. Haz. Subst.:** This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

**SARA Section 313:** This product does not contain greater than 1.0% (> 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

### SARA 311 Classifications:

Acute Hazard	Yes
Chronic Hazard	Yes
Fire Hazard	No
Reactivity Hazard	No

**CERCLA Hazardous Substances:** None known.

**FDA Approval:** Not applicable.

### State Regulations

Cal. Prop. 65: This product may contain chemicals known by the State of California to cause cancer and/or birth defects. However, we do not routinely analyze products for impurities which may be such chemicals.



## SECTION 16: OTHER INFORMATION

Revision Date: April 6, 2015

Revision #: DML-1

### HMIS Ratings

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

### NFPA Ratings

Health	1
Flammability	1
Reactivity	0

### Acronyms/Abbreviations

**NTP** - National Toxicology Program Report on Carcinogens (latest edition)

**IARC** - International Agency for the Research on Cancer

**TSCA** - Toxic Substance Control Agency

**Last Revision Date: 6/1/2015**

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