




# Material Safety Data Sheet

NFPA	HMIS	PPE							
	<table border="1"><tr><td>Health Hazard</td><td>2</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	2	Fire Hazard	0	Reactivity	0		
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Revision Date 04/03/2012

Revision Number 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Steam Iron Cleaner

**Recommended Use** Cleaning Agent

### Supplier Address

Whink Products Company  
PO Box 230  
1901 15th Ave., Eldora, IA, 50627  
United States of America  
Phone: 641.939.2353 Fax: 641.939.2485  
Emergency Phone: 800.229.6036 CHEMTREC: 800.424.9300

**Company Emergency Phone Number** 800.321.9065

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Irritating to eyes. May scratch eyes.  
May cause redness and burning to eyes.  
Prolonged contact with skin may cause irritation and dryness.  
Harmful if ingested.

**Appearance** Colorless

**Physical State** Liquid

**Odor** Vinegar

### Potential Health Effects

**Principle Routes of Exposure** Eyes, Skin, Inhalation and Ingestion

#### Acute Toxicity

##### Eyes

Avoid contact with eyes. Risk of serious damage to eyes. May cause burns. Severely irritating to eyes.

##### Skin

May cause burn to skin.

##### Inhalation

Dry form of product may cause irritation to the respiratory tract.

##### Ingestion

May be harmful if ingested. May Cause Burns to Mouth.

#### Environmental Hazard

See Section 12 for additional Ecological Information

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Sulfamic Acid	5329-14-6	5 - 7
Hydroxyacetic Acid	79-14-1	13.5 – 16.5

**4. FIRST AID MEASURES**

**General Advice** Call 800.229.6036 or emergency medical service. Remove and isolate contaminated clothing and shoes.

**Eye Contact** In case of contact with eyes, remove contacts if needed, immediately flush eyes with running water for at least 20 minutes. Repeat as needed. Seek medical assistance if irritation continues.

**Skin Contact** Avoid spreading material on unaffected skin. Remove contaminated clothing. Wash off immediately with plenty of water for 15-20 minutes. If Irritation or burning occurs, seek medical attention immediately.

**Inhalation** Move injured party to fresh air. Apply artificial respiration if injured party is not breathing. Administer oxygen if breathing is difficult. Get Medical Attention Immediately!

**Ingestion** Do not induce vomiting. Rinse mouth. Drink large amounts of water or milk Only. If vomiting occurs, give additional amounts of water once stopped. Seek Medical Attention.

**5. FIRE-FIGHTING MEASURES**

**Flammable Properties** Not Considered a fire hazard. Non-combustible, substance itself does not burn but may decompose upon heating to produce oxygen, corrosive and/or toxic fumes. Containers may rupture due to gas build-up when heated.

**Flash Point** Not Flammable.

**Suitable Extinguishing Media** Water, Foam, Dry Chemical, Carbon Dioxide. Use appropriate media for surrounding fire.

**Hazardous Combustion Products** Sulfur oxides, Sodium Oxides, Carbon Dioxide, Corrosive Amines, Ammonia Compounds

**Explosion Data**

<b>Sensitivity to mechanical impact</b>	Not sensitive
<b>Sensitivity to static discharge</b>	Not sensitive

**Protective Equipment and Precautions for Firefighters** In the event of a fire wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Wear full protective clothing.

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.  
**Health Hazard 2      Flammability 0      Stability 0      Physical and Chemical Hazards N/A      Other: N/A**

## 6. ACCIDENTAL RELEASE MEASURES

**Methods for Containment** Always wear Personal Protective Equipment. Use sand, or pigs to dike area. Keep out of sewer

**Methods for Cleaning Up** Put into approved disposal container.

**Other Information** Absorb residue on clay, vermiculite or other inert substance and package in a suitable container for disposal.

## 7. HANDLING AND STORAGE

**Handling** Always wear recommended Personal Protective Equipment. Use only with adequate ventilation. Avoid contact with skin, and eyes.

**Storage** Store only in the original container. Store in cool, well-ventilated area. Do not mix with chlorine, bases or organic materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines** This product does contain a hazardous material with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Measures**

- Showers – quick-drench
- Eyewash stations
- Ventilation systems – sufficient to reduce vapor and mists below permissible TLV levels.

### Personal Protective Equipment

**Eye/Face Protection** Tightly fitting safety glasses with side shields.

**Skin and Body Protection** Wear Chemical Resistant Gloves.

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

**Hygiene Measures** When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Colorless	<b>Odor</b>	Vinegar
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Liquid
<b>pH (1% solution)</b>	< 3.0	<b>Autoignition Temperature</b>	No information available.
<b>Flash Point</b>	No information available.	<b>Boiling Point/Range</b>	>212°F
<b>Decomposition Temperature</b>	No information available.	<b>Explosion Limits</b>	No information available.
<b>Melting Point/Range</b>	No information available.	<b>Solubility</b>	Water
<b>Flammability Limits in Air</b>	No information available.	<b>Vapor Pressure</b>	Same as Water
<b>Water Solubility</b>	Disperses	<b>VOC Content</b>	Not applicable.
<b>Evaporation Rate</b>	No data available.	<b>Partition Coefficient (n-octanol/water)</b>	No data available.
<b>Vapor Density</b>	No data available.		

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under recommended storage conditions
<b>Incompatible Products</b>	Bases, organic materials, oxidizers, metals and open flame.
<b>Conditions to Avoid</b>	Exposure to moisture and air for long periods of time.
<b>Hazardous Decomposition Products</b>	Corrosive Amines, Carbon Monoxide, Sulfur Oxides, Sodium Oxides, Hydrogen
<b>Hazardous Reactions</b>	N/A
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Signs and Symptoms of Overexposure** Eye, Mouth, Nasal and Mucous Membrane irritation. Burning of Skin, Mouth, and Eyes.

### Acute Effects

<b>Eyes</b>	May cause irritation and scratching of eyes. May cause burns.
<b>Skin</b>	May cause irritation and dryness. May cause burns.
<b>Inhalation</b>	May cause irritation of respiratory tract and mucous membranes. May cause burns.
<b>Ingestion</b>	Harmful or fatal if swallowed. Ingestion may cause burning to gastrointestinal tract.

**Target Organ Effects** N/A

**Chronic Toxicity** Burning to the gastrointestinal system. Burning to Skin and Eyes.

**Carcinogenicity** Contains no ingredient listed as a carcinogen.

**Acute Toxicity Values** Oral LD<sub>50</sub> (Rat) = Not Determined    Dermal LD<sub>50</sub> (Rabbit) = Not Determined    Inhalation LC<sub>50</sub> (Rat) = Not Determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Components of this product have been found to be harmful to aquatic organisms; however the environmental impact of this product has not been fully investigated

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Method** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging** Dispose of in accordance with local regulations

**California Hazardous Waste Codes** 791

This product does not contain any substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
N/A	N/A

**14. TRANSPORT INFORMATION**

**DOT**

<b>Proper Shipping Name</b>	Limited Quantity
<b>Hazard Class</b>	Limited Quantity
<b>Description</b>	Limited Quantity
<b>Proper Shipping Name</b>	Corrosive Liquid, n.o.s.
<b>Hazard Class</b>	8
<b>UN-No</b>	UN 1760
<b>Packing Group</b>	II
<b>Description</b>	UN 1760 Corrosive Liquid, n.o.s. , 8, II
<b>International</b>	See Specific Country for proper identification

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15. REGULATORY INFORMATION

**International Inventories**

TSCA Complies

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain chemicals, which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

**CERCLA**

This material, as supplied, does contain a substance regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Florida	Pennsylvania	Minnesota	California
Sulfamic Acid	N/A	X	N/A	N/A	N/A	N/A

**International Regulations**

See Specific Country for Regulations required.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**  
E Corrosive material



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16. OTHER INFORMATION

**Revision Date** 04/03/2012

**Revision Note** Third Revision

**Prepared By:**

Manufacturer's Technical Services Department

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**

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