

# SAFETY DATA SHEET

## Hawco Products Ltd. H824 Redi Steam

### 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

**Identification of Preparation:** H824 Redi Steam  
**Date of Safety Data Sheet:** February 7, 2018  
**Use of Preparation:** Cleaner  
**Company Identification:** Hawco Products Ltd.  
61 Shaver Street, PO Box 1507,  
Brantford, Ontario  
N3T 5V6

**Company Emergency Telephone Number** 519-759-2443

### 2. HAZARD IDENTIFICATION

**Emergency Overview:**

**OSHA / WHMIS 2015 Hazards**

**Classification of substance or mixture**

**GHS-US/Canadian classification:**

**GHS Hazards**

Acute Toxicity (Oral) Category 4 H302

Skin Irritation Category 2 H315

Eye Irritation Category 2A H319

**Label Elements**

**GHS Labeling**

**Hazard Pictograms (GHS):**



**Signal Word (GHS):** Warning.

**Hazard Statements (GHS):**

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

**Precautionary Statements (GHS):**

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves / protective clothing / eye protection / face protection.

**Response Statements (GHS):**

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.

P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.

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

# SAFETY DATA SHEET

## Hawco Products Ltd. H824 Redi Steam

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Sodium Carbonate	497-19-8	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion/Irritation Category 2 - H315 Serious Eye Damage/Eye Irritation Category 2A - H319
Fatty Alcohol Ethoxylate	681-48-0	5-10	Serious Eye Damage/Eye Irritation Category 2B - H320

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms persist consult physician.
<b>Eye Contact:</b>	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists, get medical attention.
<b>Skin Contact:</b>	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
<b>Ingestion:</b>	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.
<b>Notes to Physician:</b>	Treatment based on judgment of attending physician. If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

### 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam
<b>Unsuitable extinguishing media:</b>	None known.
<b>Special exposure hazards</b>	Thermal decomposition releases irritating gases.
<b>Special safety equipment:</b>	Self-contained positive pressure breathing apparatus and protective clothing.
<b>Fire and explosion</b>	Not flammable. Not an explosive hazard.
<b>Further information</b>	Keep containers and surrounding cool with water spray.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

# SAFETY DATA SHEET

## Hawco Products Ltd. H824 Redi Steam

**Emergency Procedures:** Ventilate area.

### **Environmental Precautions**

Prevent entry to sewers and public waters.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately with absorbent and dispose of waste safely.

### **Reference to Other Sections**

See Heading 8. Exposure controls and personal protection.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

### **Information about fire and explosion protection:**

Keep respiratory protective device available.

No special measures required.

### **Conditions for safe storage, including any incompatibilities:**

**Storage:** Acids, Oxidizers, reducing agents.

### **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Protect from humidity.

Unsuitable material for receptacle: steel.

Unsuitable material for receptacle: aluminium.

Avoid storage near extreme heat, ignition sources or open flame.

### **Information about storage in one common storage facility:**

Do not store together with alkaline products or strong acids.

Store away from oxidizing agents.

Store away from foodstuffs.

### **Further information about storage conditions:**

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well-ventilated area.

Keep container tightly sealed.

**Specific end use(s)** No further relevant information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hand protection:** Chemical resistant gloves.

**Eye protection:** Safety goggles or full-face shield.

**Skin protection:** Use body-covering impervious clothing.

**Working hygiene:** Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

**Exposure Guidelines:** No ingredients with exposure limits.

# SAFETY DATA SHEET

## Hawco Products Ltd. H824 Redi Steam

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and Chemical Properties

<u>Physical State</u>	Liquid	<u>Odour</u>	Typical
<u>Appearance</u>	Clear.	<u>Odour Threshold</u>	No data available.
<u>Colour</u>	Clear	<u>Remarks/Method</u>	
<u>Property</u>	<u>Values</u>		
pH	11.49	None known	
Melting/Freezing Point	No data available	None known	
Boiling Point/Range	No data available	None known	
Flash Point	Not applicable.	None known	
Evaporation Rate	Similar	None known	
Flammability (solid, gas)	Not flammable	None known	
Flammability Limit in Air:			
Upper Limit	No data available	None known	
Lower Limit	No data available	None known	
Vapour Pressure	No data available	None known	
Vapour density	No data available	None known	
Specific Gravity	1.0 g/cm <sup>3</sup>	None known	
Water Solubility	Soluble in water.	None known	
Solubility Other Solvents	No data available	None known	
Partition Coefficient:			
n-octanol/water	No data available	None known	
Autoignition temperature	No data available	None known	
Decomposition	No data available	None known	
Temperature			
Kinematic Viscosity	No data available	None known	
Dynamic Viscosity	No data available	None known	
Explosive Properties	No data available	None known	
Oxidizing Properties	No data available	None known	
<b><u>Other Properties:</u></b>			
Softening Point	No data available		
VOC Content %	No data available		
Particle Size	No data available		
Particle Size Distribution	No data available		

### 10. STABILITY AND REACTIVITY

Reactivity	No data available.
Chemical stability	Stable under recommended handling and storage conditions (see section 7).
Thermal decomposition/conditions to avoid:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures. Contact with metallic substances.
Hazardous decomposition products	Carbon oxides (CO, CO <sub>2</sub> ). Sodium oxides.

# SAFETY DATA SHEET

## Hawco Products Ltd. H824 Redi Steam

**Materials to avoid**  
**Hazardous polymerization**

Metals such as aluminum. Reducing agents. Strong acids.  
Will not occur

### 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects**

**Acute toxicity:** Harmful if swallowed.

**LD/LC50 values relevant for classification:**

No data available.

**On the skin:** Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.

**On the eye:** Causes serious eye irritation. Symptoms may include pain, redness, and watering.

**Ingestion:** May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.

**Inhalation:** May be irritating to nose, throat, and respiratory tract. Symptoms may include coughing and difficulty breathing.

**Sensitization:** No known effects.

**Additional toxicological information:**

**Carcinogenicity:**

**Chemical Name** None

### 12. ECOLOGICAL INFORMATION

**Toxicity:** Not classified

**Persistence and Degradability:** Not available

**Bioaccumulative Potential:** Not available

**Mobility in Soil:** Not available.

**Other Adverse Effects**

**Other Information:** All of the organic components of this product are readily biodegradable.

### 13. DISPOSAL

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

### 14. TRANSPORTATION INFORMATION

**Canadian T.D.G.:** Not Regulated Material

**US Department of Transportation (DOT):** Not Regulated material

**Water Transportation (IMDG):** Not Regulated Material

**Air Transportation (IATA):** Not Regulated Material

### 15. REGULATORY INFORMATION

**Occupational Health & Safety Regulations:**

**WHMIS 1988 Classification:** Class D - Division 2B,

# SAFETY DATA SHEET

## Hawco Products Ltd. H824 Redi Steam



**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

### International Inventories

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	-
<b>PICCS</b>	-
<b>AICS</b>	Complies

### Legend:

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### HMIS III Rating

Health: 1 Minimal Hazard

Flammability: 1 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: C

SDS US (GHS HazCom 2012 and WHMIS 2015)

# SAFETY DATA SHEET

## Hawco Products Ltd. H824 Redi Steam

### 16. OTHER INFORMATION

**Prepared By:** Technical Department.

**Issuing Date:** February 7, 2018

**Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**