

SAFETY DATA SHEET

Hawco Products Ltd. H334 Freezer Clean

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

Identification of Preparation: H334 Freezer Clean

Date of Safety Data Sheet: June 7, 2017

Use of Preparation: Cleaner.

Company Identification: Hawco Products Ltd
61 Shaver Street,
Brantford,
Ontario
N3T 5V6

Emergency Number: 519-759-2443

2. HAZARD IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS Canada)

Physical hazards

Not Classified

Health hazards

Skin Corrosion. 1A - H314

Eye Damage. 1 - H318

Environmental hazards

Not Classified

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS):



GHS05

Signal Word (GHS) : Danger

Hazard Statements (GHS) :

H290 - May be corrosive to metals.

H302 - Harmful if swallowed.

H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

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Precautionary Statements (GHS) :

P102 Keep out of reach of children.

P260 Do not breathe mist.

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

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P315 Get immediate medical advice/attention.

P501 Dispose of contents/container in accordance with local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Sodium tripolyphosphate	7758-29-4	1-5	Acute Toxicity (Oral) Category 4 - H302 Eye Damage/ Irritation Category 2 – H315
Fatty Alcohol Ethoxylate (C9-C11)	68439-46-3	1-5	Acute Toxicity (Oral) Category 4 - H302 Eye Damage/ Irritation Category 2 – H315
Trisodium Phosphate Dodecahydrate	10101-89-0	1-5	Acute Toxicity (Oral) Category 4 - H302 Eye Damage/ Irritation Category 2 – H315
Ethylene glycol monobutyl ether	111-76-2	3-7	Flammable liquid Category 4 Skin Irritation 2 A-H315
Sodium Hydroxide	1310-73-2	1-5	Acute Toxicity Category 2 (Oral) - H300 Skin Corrosion Category 1A – H314 Eye Damage / Irritant Category 1– H318 Aquatic Hazard (Acute) Category 3 – H402
Potassium Hydroxide	1310-58-3	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosive Category 1B – H314
Sodium salt of dodecyl benzene sulphonic acid	27176-87-0	7-15	Skin Irritation Category 2A - H315 Eye Damage Category 1 - H318

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
Ingestion:	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.
Notes to Physician:	Treatment based on judgment of attending physician.

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5. FIRE FIGHTING MEASURES

- Suitable extinguishing media:** Any standard extinguishing media (alcohol foam, water spray or fog, CO2 dry chemical, etc.).
- Unsuitable extinguishing media:** None known.
- Special exposure hazards**
- Special safety equipment:** Self-contained positive pressure breathing apparatus and protective clothing.

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.

Emergency Procedures: Stop leak if safe to do so. 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 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

Acids, Oxidizers, reducing agents.

· Storage:

· Requirements to be met by storerooms and receptacles:

Store in a cool location.

Protect from humidity and water.

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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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid.	Specific Gravity:	Not established.
Colour:	Green.	Solubility in water:	Soluble.
Odour:	Typical.	%VOC	No data available.
pH:	13.5-14.0.	Flash point:	Not applicable.
Boiling point/boiling range:	Not established.	Inflammation:	Not flammable.

10. STABILITY AND REACTIVITY

Reactivity: No data available.
Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Contact with metallic substances.

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Incompatible Materials: Metals. Reducing and oxidizing agents. Strong acids.
Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Sodium oxides.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute Toxicity: Harmful if swallowed.

Skin Corrosion/Irritation: Causes severe skin burns and eye damage. (pH: 14)

Serious Eye Damage/Irritation: Causes serious eye damage. (pH: 14)

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

12. ECOLOGICAL INFORMATION

Aquatic and terrestrial toxicity

Product/ingredient name Result Species Exposure

Ecotoxicity : No data available.

Persistence and Degradability Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Other Information:

Avoid release to the environment.

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.

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14. TRANSPORTATION INFORMATION

Transportation of dangerous goods act Canada.

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Classification

TDG Proper shipping name

UN1824 Sodium hydroxide solution

Class

8

Packing group

II



15. REGULATION

WHMIS-symbols:

D2B - Toxic material causing other toxic effects

E - Corrosive material



16. OTHER INFORMATION

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.