

# MATERIAL SAFETY DATA SHEET

Hawco Products Ltd.

Whish Degreaser.

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME:</b>	Whish Degreaser	<b>PRODUCT USE:</b>	Degreaser and Cleaner.
<b>MANUFACTURER:</b>	Hawco Products Ltd	<b>SUPPLIER</b>	Hawco Products Ltd
<b>ADDRESS:</b>	61 Shaver Street, Brantford, Ontario N3T 5V6	<b>ADDRESS:</b>	61 Shaver Street, Brantford, Ontario N3T 5V6
<b>EMERGENCY :</b>	519 759 2443	<b>EMERGENCY :</b>	519 759 2443

## SECTION II: INGREDIENT INFORMATION

Ingredients	CAS#	Wt%	OSHA-TWA	ACGIH-TWA	LD <sub>50</sub>
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NON WHMIS REGULATED

## SECTION III: HAZARDOUS IDENTIFICATION

**Route of Entry:** Eye, skin contact, ingestion.

**Potential Health Effects:**

**Eyes:** May cause slight irritation to the eyes.

**Skin:** Prolonged or repeated contact can cause irritation.

**Inhalation:** May cause very slight nose, throat and respiratory tract irritation

**Ingestion:** May cause slight irritation to mouth, esophagus and stomach. May cause gastric tract disorder .

**Chronic Effects**

**Carcinogenicity:** No ingredients listed IARC or NTP or ACGIC. Non hazardous by WHIMIS/OSHA criteria.

**Teratogenicity, Mutagenicity, Reproductive Effects:** The ingredients in this product were found not to be mutagenic when tested by the Ames Assay. ( OECD Guidelines for chemical testing, sec.471)

## SECTION IV: FIRST AID MEASURES

**Eye Contact:** Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

**Skin Contact :** Flush with water. Remove contaminated clothing and launder before reuse.

**Inhalation:** Move victim to fresh air. If conscious, have victim take deep, slow breaths. Seek medical attention if symptoms persist.

**Ingestion:** DO NOT INDUCE VOMITING. Rinse mouth with water, then drink one glass of water. Seek medical attention. Do not give anything to victim if unconscious or convulsing.

## SECTION V: FIRE FIGHTING MEASURES

**Flammability:** Non flammable.

**Flash Point deg (C,TCC) :** Not Applicable

**Means of Extinction:** As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam

**Special Fire Hazards:** Fire fighters should wear self contained breathing apparatus as for surrounding fire.

**Autoignition temperature:** Not applicable.

**Flame propagation or burning rate of solid:** Not applicable.

**Sensitivity to static** Not applicable

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discharge:  
**Unusual Fire and Explosion Hazards.** None expected. As per surrounding fire.  
**Hazardous decomposition products:** Oxides of carbon, oxides of nitrogen.

## SECTION VI: ACCIDENTAL RELEASE MEASURES

**Leak and Spill Procedures:** Before attempting clean up, refer to the hazard data provided above. Small spills may be absorbed with non reactive absorbent and placed in suitable, covered, labeled container. For large quantities, dispose of in accordance with local, provincial/ state or federal regulations. For large spills prevent from entering sewers and waterways. For large spills provide diking to prevent spreading.

## SECTION VII: HANDLING AND STORAGE

**Storage Requirements:** KEEP OUT OF REACH OF CHILDREN.  
Storage temperature C Ambient to 35 C ( must be stored above 4 C at all times)  
Transport temperature C Ambient to 35 C (must be stored above 4 C at all times.)  
Keep container closed. Handle and open container with care. Store in a well ventilated place away from incompatible materials. Do not store near open flame.  
Do not reuse empty containers.

## SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

**Gloves:** Impervious gloves recommended.  
**Eye Protection:** Safety glasses.  
**Respiratory Protection:** Not normally required if good ventilation is maintained  
**Other Protective Equipment:** As required by employer code. Eye bath, safety shower, protective clothing.  
**Engineering Controls:** General ventilation normally required

## SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point ( deg C)</b>	100	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.01	<b>Evaporation Rate (water=1):</b>	Similar
<b>% Volatile (Wt%):</b>	Not determined	<b>Solubility in water:</b>	Complete	<b>pH (as supplied):</b>	10.0-11.0
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	Water like		
<b>Appearance / Odour:</b>	Light green solution with pleasant odour				

## SECTION X: STABILITY AND REACTIVITY

**Conditions for Chemical Instability:** Stable  
**Incompatible Materials:** Strong oxidizing agents, strong acids and alkalies.  
**Hazardous Decomposition Products:** Oxides of carbon, Oxides of Nitrogen when heated.

## SECTION XI: TOXICOLOGICAL INFORMATION

Full formulation would be expected to have LD 50 above 10,000 mg/kg ( oral/rat ) Low toxicity

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## SECTION XII: ECOLOGICAL INFORMATION

**Biodegradability:** All organic raw materials in this formulation are biodegradable under OECD 301 D test protocol.  
This formulation has low aquatic toxicity.

## SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of in accordance to all local, provincial/state and federal regulations.

## SECTION XIV: TRANSPORTATION

**T.D.G. Classification:** Not regulated  
**D.O.T. Classification:** Not regulated

## SECTION XV: REGULATORY INFORMATION

**Occupational Health and Safety Regulations:**  
**WHMIS Class:** Not Whmis regulated.  
**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS regulations

**Environmental Regulatory Lists:**  
**SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372** None of these ingredients are listed.  
**CERCLA – Section 102 (Reportable Quantity) 40 CFR 302** None of the ingredients are listed  
**RCRA 40 CFR 261 (Subpart D)** None of the ingredients are listed  
**CLEAN WATER ACT – Section 311 ( Reportable Qty) 40 CFR 116:** None of these ingredients are listed  
**CLEAN AIR ACT – Section 312 ( List of Hazardous Pollutants) 40 CFR 63 (Subpart C) National Pollutant Release Inventory** None of these ingredients are listed  
**Toxic Substances Control Act (TSCA)** All ingredients are registered on the Chemical Substances Inventory.  
**Canadian Domestic Substance List (DSL):** All ingredients are registered on the DSL

## SECTION XVI: OTHER INFORMATION

<b>Date:</b> September 2, 2014	<b>Prepared By:</b> Technical Services Group	<b>Telephone:</b> 519 759 2443
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**Disclaimer:**  
Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of supplier, it is assumed that users of this material; have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages, which may result from the use or reliance on any information contained in this form. If user requires independent information on ingredients in this or other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400) or CSST on Montreal, Quebec (514-873-3990).