

SAFETY DATA SHEET

Hawco Products Ltd. NP121 One Step Laundry Detergent.

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

Identification of Preparation: NP121 One Step Laundry Detergent.

Date of Safety Data Sheet: June 6, 2018

Use of Preparation: Laundry Detergent

Company Identification: Hawco Products Ltd.
61 Shaver Street, PO Box 1507
Brantford, Ontario
N3T 5V6

Company Emergency Telephone Number Emergency Phone: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 Corrosive Category 1A H314

Eye Damage Category 1 H318

Carcinogenicity Category 2 H351

Label Elements

GHS Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Danger.

Hazard Statements (GHS):

H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage

H351: Suspected of causing cancer

Precautionary Statements (GHS):

P102: Keep out of reach of children.

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe mist, spray, and vapours.

SAFETY DATA SHEET

Hawco Products Ltd. NP121 One Step Laundry Detergent.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

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

Response Statements (GHS):

P301+P310+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately contact a poison control centre.

P303+P361+P353: IF ON SKIN (or hair): Remove/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. Get medical attention.

P308+P311- IF exposed or concerned: Call a poison centre or doctor.

P315: Get immediate medical advice/attention.

P363: Wash contaminated clothing before re-use.

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 Percarbonate	15630-89-4	1-5	Acute Toxicity (Oral) Category 4 - H302 Skin Corrosion / Irritation Category 2 - H315 Serious Eye Damage/Irritation Category 2A - H319
Trisodium Nitrotriacetate	139-13-9	1-5	Acute Toxicity (Oral) Category 4 - H302 Serious Eye Damage/Irritation Category 2A - H318 Carcinogenicity Category 2 - H351 Aquatic Hazard (Acute) Category 3 - H402
Sodium Metasilicate	6834-92-0	10-30	Acute Toxicity (Oral) Category 4 - H302 Skin Corrosion/Irritation Category 1A - H314 Serious Eye Damage/Eye Irritation Category 1 - H318
Sodium Carbonate	497-19-8	30-60	Acute Toxicity (Oral) Category 4 - H302 Skin Corrosion/Irritation Category 2 - H315 Serious Eye Damage/Eye Irritation Category 2A - H319
Sodium Hydroxide	1310-73-2	1-5	Corrosive to Metals Category 1 - H290 Acute Toxicity (Oral) Category 2 - H300 Skin Corrosion/Irritation Category 1A - H314 Serious Eye Damage / Eye Irritant Category 1 - H318 Aquatic Hazard (Acute) Category 3 - H402

SAFETY DATA SHEET

Hawco Products Ltd. NP121 One Step Laundry Detergent.

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. Repeat if required. If irritation persists, get medical attention.
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. If the product is ingested, probable mucosal damage may contraindicate the use of gastric lavage. Treat the affected person appropriately.

5. FIRE FIGHTING MEASURES

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

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.

SAFETY DATA SHEET

Hawco Products Ltd. NP121 One Step Laundry Detergent.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

<u>Physical State</u>	Powder	<u>Odour</u>	Typical
<u>Appearance</u>	Free Flowing.	<u>Odour Threshold</u>	No data available.
<u>Colour</u>	Yellow	<u>Remarks/Method</u>	
<u>Property</u>	<u>Values</u>		
pH 1 %	13.5-14.0	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	

SAFETY DATA SHEET

Hawco Products Ltd. NP121 One Step Laundry Detergent.

Vapour density	No data available	None known
Specific Gravity	1.0 g/cm ³	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 Temperature	No data available	None known
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

Other Properties:

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 ₂). Sodium oxides.
Materials to avoid	Metals such as aluminum. Reducing agents. Strong acids.
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Harmful if swallowed.

LD/LC50 values relevant for classification:

Trisodium Nitrotriacetate CAS# 5064-31-3:

LD50 (Oral, rat): 1,300 mg/kg

Sodium Carbonate CAS#497-19-8:

LD50 (Oral/Rat): 4,090 mg/kg

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

On the eye: Causes serious eye damage. 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.

Respiratory or Skin Sensitization: No ingredients classified as sensitizer.

SAFETY DATA SHEET

Hawco Products Ltd. NP121 One Step Laundry Detergent.

Additional toxicological information:

Carcinogenicity:

Chemical Name Trisodium Nitrotriacetate

IARC 2B

NTP Reasonably anticipated to be a human carcinogen

Reproductive Toxicity: Not classified as hazardous.

Specific Target Organ Toxicity

Single Exposure: Not classified as hazardous.

Specific Target Organ Toxicity

Single Exposure: Not classified as hazardous.

Aspiration Hazard: Not an aspiration hazard.

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.: Regulated Material (quantity under 1 Kg can be shipped Limited Quantity)

Proper Shipping Name: Corrosive Solid, N.O.S.

Contains: Sodium Metasilicate, Sodium Hydroxide

Hazard Class: 8

ID Number: UN 1759

Packing Group: II

**US DOT: Regulated Material**

Proper Shipping Name: Corrosive Solid, N.O.S.

Contains: Sodium Metasilicate, Sodium Hydroxide.

Hazard Class: 8

ID Number: UN 1759

Packing Group: II

SAFETY DATA SHEET

Hawco Products Ltd. NP121 One Step Laundry Detergent.



Water Transportation (IMDG): Regulated Material

Proper Shipping Name: Corrosive Solid, N.O.S.
Contains: Sodium Metasilicate, Sodium Hydroxide.
Hazard Class: 8
ID Number: UN 1759
Packing Group: II



Air Transportation (IATA): Regulated Material

Proper Shipping Name: Corrosive Solid, N.O.S.
Contains: Sodium Metasilicate, Sodium Hydroxide.
Hazard Class: 8
ID Number: UN 1759
Packing Group: II



15. REGULATORY INFORMATION

Occupational Health & Safety Regulations:

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



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

TSCA	Complies
DSL/NDL	Complies
EINECS/ELINCS	Complies

SAFETY DATA SHEET

Hawco Products Ltd. NP121 One Step Laundry Detergent.

ENCS	Complies
IECSC	Complies
KECL	-
PICCS	-
AICS	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)

16. OTHER INFORMATION

Prepared By: Technical Department.

Issuing Date: June 6, 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