

SAFETY DATA SHEET

Hawco Products Ltd.

NL515 Oxygen Destainer

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

Identification of Preparation: NL515 Oxygen Destainer.
Date of Safety Data Sheet: March 8, 2016
Use of Preparation: Oxygen Destainer.
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

Acute Tox. 4 (Oral) H302
Serious eye damage, Category 1, H318
Skin Irritation Category 2 H315
Oxidizing liquids, category 2, H272
Specific target organ toxicity, single exposure ,category 3 H335

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS) :



Signal Word (GHS-US) : Danger

Hazard Statements (GHS) :

H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Precautionary Statements (GHS) :

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P221 Take any precaution to avoid mixing with combustibles.
P264 Wash thoroughly after handling.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description:

Chemical

Ingredient	CAS #	% by Wt	Classification
Hydrogen Peroxide	7722-84-1	15	Acute Tox. 4 (Oral), H302 Eye Damage 1, H318 Skin Irritation 2, H315 Specific target organ toxicity, single exposure ,category 3 H335

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.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Flood with water for extinguishing agent. CO2 may provide limited control.

Unsuitable extinguishing media: Do not use dry chemicals or foams..

Special exposure hazards Oxidizing substances can be decomposed by water and direct sources of heat.

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Decomposition releases oxygen which can support combustion.

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 dust.

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 powder spills with dikes 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 dust.

Information about fire - and explosion protection:

Keep respiratory protective device available.

No special measures required.

Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles:

Store in a cool location.

Protect from humidity and water.

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 reducing 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.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Use local exhaust or dilution ventilation. If dust present use approved dust mask.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles .
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:	Liquid.	Bulk Density:	1.1-1.2 g/cm ³ .
Colour:	Water white.	Solubility in water:	Soluble.
Odour:	None.	%VOC	0.0
pH:	Approx. 10.5.	Flash point:	Not applicable.
Boiling point/boiling range:	Not applicable.	Inflammation:	Not flammable.

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided:

Self accelerating decomposition with oxygen release starting at 50 C.

Possibility of hazardous reactions

Contact with acids releases toxic gases.

Reacts with alkali and metals.

Reacts with reducing agents.

Conditions to avoid Store away from reducing agents, water, acids, bases salts of heavy metals, organic materials, flammable substances wood sawdust.

Incompatible materials:

Warning! Do not use together with other products other than directed on the product label.

Hazardous decomposition products:

Oxygen. Contamination with many substances will cause decomposition. The rate of decomposition increases with increasing temperature and may be very vigorous with rapid generation of oxygen and steam at high temperatures of 50 C or more.

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11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

Hydrogen Peroxide.

Oral LD50 1200 mg/kg (rat)

Dermal LD 50 Min 2000 mg/kg (rabbit)

Primary irritant effect:

on the skin: Caustic effect on mucous membranes.

on the eye: Strong caustic or abrasive effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to the calculation method:

Corrosive

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

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:

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

TDG

UN 2984, Hydrogen Peroxide, Aqueous Solutions 5.1, (8) PG III



Label 5.1

For containers under 5 Kgs are shipped Limited Quantity.

15. REGULATION

EPA TSCA Inventory Appears.
Canadian WHMIS Classification C,D2B, E
Canadian DSL Appears.
EINECS Appears.

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.