

SAFETY DATA SHEET

HD615 Diamond Citrus Degreaser

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

Identification of Preparation: Diamond Citrus Degreaser
Date of Safety Data Sheet: 19 April, 2016

Use of Preparation: Cleaner.

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

Company Emergency Telephone Number Emergency Phone: 519-759-2443

2. HAZARD IDENTIFICATION

Emergency Overview:

OSHA / WHMIS 2015 Hazards

Skin Sensitizer.

Eye and skin irritant.

Classification of substance or mixture

GHS-US/Canadian classification:

GHS Hazards

Acute Toxicity 4 (Oral) H302

Eye Irritation 2 H319

Skin Irritation 2 H315

Skin sensitizer H317

Label Elements

GHS Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Warning

Hazard Statements (GHS):

H315 - Causes skin irritation.

H317-May cause allergy to skin.

Precautionary Statements (GHS):

P264: Wash thoroughly after handling.

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

Response (GHS):

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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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
P332+P313: If skin irritation occurs: Get medical attention.
P362: Take off contaminated clothing.

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	7-15	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
D-Limonene	5989-27-5	1-5	Flammable Liquid Category 3 – H226 Skin Irritant Category 2 – H315 Skin Sensitizer Category 1 – H317

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms persist consult physician.

Eye Contact: Remove contacts. Flush with water for at least 15 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.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam

Unsuitable extinguishing media: No information available.

Special exposure hazards Thermal decomposition releases irritating gases.

Special safety equipment: Self-contained positive pressure breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions, Protective Equipment and Emergency Procedures

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

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.

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

Information about storage in one common storage facility:

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

Respiratory protection:	Use local exhaust or dilution ventilation.
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. **Specific gravity:** 1.00 g/cm³.

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Colour:	Clear orange.	Solubility in water:	Soluble.
Odour:	Typical.	Flash point:	None
pH:	11.5	Vapor density:	Not known
Boiling point/boiling Range:	Est 100 C 212 F		

10. STABILITY AND REACTIVITY

Reactivity	Stable at normal ambient temperature and pressure.
Chemical stability	No decomposition if stored and applied as directed.
Thermal decomposition/conditions to avoid:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
Possibility of hazardous reactions	None known.
Conditions to avoid	Incompatible agents. Avoid excessive heat for prolonged periods of time. Avoid frost.
Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
Materials to avoid	Oxidizing agents, acids.
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

Fatty Alcohol Ethoxylate CAS# 68439-46-3:

LD50 (Oral) Rat 2,000 mg/kg

Primary irritant effect:

on the skin: None known.

on the eye: Slight irritation.

Sensitization: D limonene is a known skin sensitizer.

Additional toxicological information:

None known

12. ECOLOGICAL INFORMATION

Toxicity:	Not classified
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available.
Other Adverse Effects	Not available.
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.

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Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION

Not regulated under TGD or DOT

15. REGULATION

SARA Section No
SARA (313) Chemicals No
EPA TSCA Inventory Appears.
Canadian DSL Appears.
EINECS Appears.

WHMIS Classification: Class D - Division 2B

HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 0 Minimal Hazard

Physical : 0 Minimal Hazard

Personal Protection : B
SDS US (GHS HazCom 2012)

16. OTHER INFORMATION

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