

SAFETY DATA SHEET

Diamond Products HD405 Diamond Oxy Hard Surface Cleaner.

Issuing Date: October 9, 2017

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier:

Product Name HD405 Diamond Oxy Hard Surface Cleaner.

Other Identification Means:

Synonyms None

Use of Substance/Preparation and Restrictions:

Recommended Use: Hard surface cleaner.
Uses Advised Against: No information available

SDS Supplier Details:

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

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

2. HAZARDS IDENTIFICATION

Classification:

This product is considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CER 1910.1200) and WHMIS 2015.

GHS Label Elements, including precautionary statement:

Emergency Overview:

Skin Corrosion/Irritation Category 2 H315
Serious Eye Damage/Eye Irritation Category 2A H319

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS):



Signal Word (GHS): Warning.

Hazard Statements (GHS):

H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary Statements (GHS):

P264: Wash hands thoroughly with soap and water after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements (GHS):

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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P337 + P313: If eye irritation persists: Get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description:

Chemical

Ingredient	CAS#	% by Wt	Classification
Hydrogen Peroxide	7722-84-1	7-13	Acute Toxicity Category (Oral) Category 4 - H302 Skin Corrosion/Irritation Category 2- H315 Serious Eye Damage / Eye Irritation Category 2A-H319
Citric acid	77-92-9	1-5	Serious Eye Damage / Eye Irritation category 2A-H319
Alcohol Ethoxylate	68131-39-5	1-5	Serious Eye Damage / Eye Irritation category 2A-H319

4. FIRST AID MEASURES

First Aid Measures:

Eye Contact:	Remove contacts. Flush with water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately if irritation persists.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Whitening of skin may occur. This is a temporary situation and skin will return to normal after a few minutes.
Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Ingestion:	Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person.
Notes to Physician:	Treatment based on judgment of attending physician.
Most Important symptoms and effects, both acute and delayed:	Stinging and irritation of eyes.

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.
Specific Exposure Hazards	Thermal decomposition releases irritating gases.
Hazardous Combustion Products	Carbon Oxides.
Explosion Data:	
Sensitivity to Mechanical Impact:	None.
Sensitivity to Static Discharge:	None.
Special safety equipment:	Self-contained positive pressure breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

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

Environmental Precautions:

Environmental Precautions: See section 12 for additional ecological information.

Methods and Material for Containment and Cleaning Up:

Method for Containment: Contain any spills with dikes to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Sweep up spills immediately and dispose of waste safely.

Procedures for Non-Emergency Personnel:

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

Procedures for Emergency Personnel:

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Reference to Other Sections: See Heading 8. Exposure Controls and Personal Protection.

7. HANDLING AND STORAGE

Precautions for Safe Handling:

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:

Requirements to be met by storerooms and receptacles: Store in a cool location.

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.

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Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Exposure Guidelines Ingredients with workplace control parameters:
Chemical Name British Columbia Quebec Ontario TWAEV Alberta:
Hydrogen Peroxide CAS # 7722-84-1:
TWA: 1 ppm
TWA: 1.4 mg/m³

Appropriate Engineering Controls:

Engineering Measures Showers. Eyewash Stations. Ventilation Systems for workplace. None required for consumer use.

Individual Protection Measures:

Eye protection: Safety glasses with side shield.

Skin protection: Body covering clothing.

Hand protection: Impervious gloves.

Respiratory protection: Use local exhaust or dilution ventilation.

Working hygiene: Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid	Odour	Lavender.
Appearance	Clear	Odour Threshold	No information available.
Colour	Water White		

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH 10 % solution	3.5-5.0	None known
Melting/Freezing Point	No data available	None known
Boiling Point/Range	Not data available	None known
Flash Point	None	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	Not flammable.	None known
Flammability Limit in Air:	No data available	
Upper Limit	No data available	None known
Lower Limit	No data available	None known
Vapour Pressure	No data available	None known
Vapour density	No data available	None known
Specific Gravity	1.00-1.01 g/cm ³	
Water Solubility	Soluble in water.	None known

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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 storage conditions
Possibility of Hazardous Reactions:	None under normal processing
Hazardous Polymerization:	Does not occur.
Conditions to avoid:	None known.
Incompatible materials:	Combustible materials. Copper alloys, galvanized iron. Strong reducing agents. Heavy metals. Iron. Copper alloys. Contact with metals, metallic ions, alkalis, reducing agents.
Hazardous Decomposition Products:	Carbon oxides.
Thermal Decomposition / Conditions to be avoided:	Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Product Information

Inhalation	Specific test data for substance/mixture not available
Eye Contact	May cause irritation.
Skin Contact	Specific test data for substance/mixture not available
Ingestion	Specific test data for substance/mixture not available

Component Information:

Chemical Name	Oral LD50 mg/kg (rat)
Calculated for formulation	No data available

Information on Toxicological Effects:

Symptoms	None known
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Delayed/Immediate/Chronic Effects from short and long-term exposure:

Sensitization	None known
Mutagenic Effects	None known
Carcinogenicity	No evidence for a carcinogenic potential of practical relevance.
Reproductive Toxicity	None known
STOT- Single Exposure	None known
STOT Repeated exposure	None known
Chronic Toxicity	None known
Target Organ Effects	None Known
Numerical Measures of Toxicity (based on GHS Chapter 3.1)	Not applicable

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not classified
Persistence and Degradability:	No information available
Bioaccumulative Potential:	No information available
Mobility in Soil:	No information available
Other Adverse Effects:	No information available
Other Information:	Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment Methods	
Disposal Methods	Dispose of contents/containers in accordance with local regulations.
Contaminated Packaging:	Dispose of contents/containers in accordance with local regulations.
California Hazardous Waste Codes	Not available.
Ecology – Waste Materials:	Avoid release to the environment.

14. TRANSPORT INFORMATION

<u>DOT:</u>	Not Regulated
Proper Shipping Name	Not Applicable
Hazard Class	Not Applicable
<u>TDG</u>	Not Regulated
<u>MEX</u>	Not Regulated
<u>ICAO</u>	Not Regulated
<u>IATA:</u>	Not Regulated
Proper Shipping Name	Not Applicable
Hazard Class	Not Applicable
<u>IMDG/IMO:</u>	Not Regulated
Hazard Class	Not Applicable
<u>RID</u>	Not Regulated
<u>ADR</u>	Not Regulated
<u>ADN</u>	Not Regulated

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15. REGULATORY INFORMATION

International Inventories:

TSCA Complies
DSL All components are listed either on the DSL or NDSL

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List.

Canadian Regulations:

Canadian 1988 WHMIS Classification: D2B
Health Canada DIN: Not applicable.
Canadian DSL: Appears

US State Regulations:

California Proposition 65

This product does not contain any Proposition 65 Chemicals.

16. OTHER INFORMATION

Prepared By: Technical Department.

Issuing Date: October 9, 2017

Revision Date: None

Revision Note: None

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