

# SAFETY DATA SHEET

Diamond Products Division of Hawco Products Ltd.

HD198T Lemon Pot and Pan Cleaner

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

**Identification of Preparation:** HD198T Lemon Pot & Pan.

**Date of Safety Data Sheet:** April 9, 2019

**Use of Preparation:** Detergent.

**Company Identification:** Hawco Products Ltd.  
61 Shaver Road,  
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**

Skin Irritation Category 2 H315

Eye Irritation Category 2A H319

**Label Elements**

**GHS 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 after handling.

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

**Response (GHS):**

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

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

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

# SAFETY DATA SHEET

## Diamond Products Division of Hawco Products Ltd. HD198T Lemon Pot and Pan Cleaner

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Sodium salt of dodecyl benzene sulphonic acid	27176-87-0	7-15	Skin Corrosion/Irritation Category 2 – H315 Serious Eye Damage/Eye Irritation Category 1 – H318
Sodium Laureth Sulphate	68891-38-3	1-5	Skin Corrosion/Irritation Category 2 – H315 Serious Eye Damage/Eye Irritation Category 1 – H318
Lauramine Oxide	1643-20-5	1-5	Skin Corrosion/Irritation Category 2 – H315 Serious Eye Damage/Eye Irritation Category 1 – H318

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms persist consult physician.
<b>Eye Contact:</b>	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.
<b>Skin Contact:</b>	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
<b>Ingestion:</b>	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.
<b>Notes to Physician:</b>	Treatment based on judgment of attending physician.

### 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	As per surrounding fire.
<b>Unsuitable extinguishing media:</b>	No information available.
<b>Special exposure hazards</b>	Fire or excessive heat may produce hazardous decomposition products.
<b>Special safety equipment:</b>	Self-contained positive pressure breathing apparatus and protective clothing.
<b>Fire and explosion</b>	Not flammable. Not an explosive hazard.
<b>Further information</b>	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 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.

# SAFETY DATA SHEET

## Diamond Products Division of Hawco Products Ltd. HD198T Lemon Pot and Pan Cleaner

### 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 by sweeping up 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 mist.

### 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.

#### Information about storage in one common storage facility:

Do not store together with acid products.

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.

## 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 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

#### Physical State

Liquid

#### Appearance

Clear

#### Colour

Yellow.

#### Property

Values

#### Odour

Lemon

#### Odour Threshold

No data available.

#### Remarks/Method

# SAFETY DATA SHEET

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pH	7.5-8.5	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	No data available	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
Vapour density	No data available	None known
Specific Gravity	1.0-1.02 g/cm <sup>3</sup>	
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	Stable at normal ambient temperature and pressure.
Chemical stability	No decomposition if stored and applied as directed.
Thermal decomposition/conditions to avoid:	Stable under normal conditions.
Possibility of hazardous reactions	Reacts with acids. Reacts with reducing and oxidizing agents.
Conditions to avoid	Store away from reducing agents, water, acids, and acid salts of heavy metals, organic materials and flammable substances.
Hazardous decomposition products	Acids, oxidizing and reducing agents.
Materials to avoid	Oxides of carbon.
Hazardous polymerization	Will not occur

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity:

#### LD/LC50 values relevant for classification:

Routes of Entry Inhalation, ingestion, eye or skin

# SAFETY DATA SHEET

## Diamond Products Division of Hawco Products Ltd. HD198T Lemon Pot and Pan Cleaner

### Sodium salt of dodecyl benzene sulphonic acid CAS # 27176-87-0:

LD50 (Oral) Rat: > 2,000 mg/kg

LD50 (Dermal) Rabbit: > 2,000 mg/kg

### Sodium Laureth Sulphate CAS # 68891-38-3

LD50 (Oral) Rat: > 2,000 mg/kg

LD50 (Dermal) Rabbit: > 2,000 mg/kg

### Lauramine Oxide CAS #1643-20-5

LD50 (Oral) Rat: > 2,000 mg/kg

LD50 (Dermal) Rabbit: > 2,000 mg/kg

**On the skin:** May cause skin irritation with prolonged or repeated use.

**On the eye:** Causes serious eye irritation. 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.

#### **Carcinogenicity:**

Chemical Name	ACGIH	IARC	NTP	OSHA
Not classified.				

**IARC: (International Agency for Research on Cancer)**

No ingredients listed

#### **Chronic Effects:**

**Mutagenicity:** No evidence of a mutagenic effect.

**Teratogenicity:** No evidence of a teratogenic effect (birth defect).

**Sensitization:** No evidence of a sensitization effect.

**Reproductive:** No evidence of negative reproductive effects.

#### **Target Organ Effects:**

**Acute:** No information available

## 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.  
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 TDG (Road & Rail):** Not Regulated

**U.S. Department of Transportation (DOT):** Not Regulated

**Water Transportation (IMO):** Not Regulated

**Air Transportation (IATA):** Not Regulated

# SAFETY DATA SHEET

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### 15. REGULATION

**Occupational Health & Safety Regulations:**

**WHMIS Classification:** Class D - Division 2B.



**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/NDSL	Complies
EINECS/ELINCS	Complies
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 Slight Hazard - Irritation or minor reversible injury possible

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

SDS US (GHS HazCom 2012) SDS Canada (GHS WHMIS 2015)

### 16. OTHER INFORMATION

# **SAFETY DATA SHEET**

## **Diamond Products Division of Hawco Products Ltd.**

### **HD198T Lemon Pot and Pan Cleaner**

**Prepared By:** Technical Department.

**Issuing Date:** April 9, 2019.

**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**