

# SAFETY DATA SHEET

## LK Distributing PAN PERFECT

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

**Identification of Preparation:** PAN PERFECT

**Date of Safety Data Sheet:** April 10, 2017.

**Use of Preparation:** Cleaner/Degreaser.

**Company Identification:** LK Distributing  
201 Shepherd St E,  
Windsor, ON N8X

**Telephone Number** 519-258-1173

### 2. HAZARD IDENTIFICATION

#### Emergency Overview:

#### OSHA / WHMIS 2015 Hazards

Classification of substance or mixture

#### GHS-US/Canadian classification:

#### GHS Hazards

Acute Toxicity 4 (Oral) H302

Eye Irritation 2 H319

Skin Irritation 2 H315

Carcinogenicity Category 2 H351

#### Label Elements

#### GHS Labeling

#### Hazard Pictograms (GHS):



**Signal Word (GHS):** Danger.

#### Hazard Statements (GHS):

H315 Causes skin irritation Category 2

H319 Causes serious eye irritation Category 2

H351 Carcinogenicity Category 2

#### Precautionary Statements (GHS):

P201 Obtain special instructions before use.

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

SDS: PAN PERFECT

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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.  
P281 Use personal protective equipment as required.

### Response (GHS):

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Sodium salt of dodecylbenzene sulphonic acid	27176-87-0	7.5-15	Skin Irritation Category 2A - H315 Eye Damage Category 2 - H319
Sodium Laureth Sulphate	9004-82-4	1-5	Skin Irritation Category 2 A-H315 Eye Damage Category 1 - H318
Cocamide DEA	68603-42-9	1-5	Skin Irritation Category 2 A-H315 Eye Damage Category 2 - H319 Carcinogenicity Category 2 – H351

### 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.

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** As per surrounding fire.  
**Unsuitable extinguishing media:** No information available.  
**Special exposure hazards** Fire or excessive heat may produce hazardous decomposition products.  
**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.

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### 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.

#### **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 and 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

**Respiratory protection:** Use local exhaust or dilution ventilation.

**Hand protection:** Chemical resistant gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Use body-covering clothing.

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

**Exposure Guidelines:**  
Diethanolamine ACGIH TWA 1 mg/m<sup>3</sup>, NIOSH TWA 15 mg/m<sup>3</sup>.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and Chemical Properties

<u>Property</u>	<u>Values</u>	<u>Odour</u> <u>Odour Threshold</u> <u>Remarks/Method</u>	
<b>Physical State</b>	Liquid		
<b>Appearance</b>	Clear		Citrus
<b>Colour</b>	Yellow.		No data available.
<b>pH</b>	7.5-7.9	None known	
<b>Melting/Freezing Point</b>	No data available	None known	
<b>Boiling Point/Range</b>	No data available	None known	
<b>Flash Point</b>	Not applicable.	None known	
<b>Evaporation Rate</b>	No data available	None known	
<b>Flammability ( solid, gas)</b>	Not flammable	None known	
<b>Flammability Limit in Air:</b>			
<b>Upper Limit</b>	No data available	None known	
<b>Lower Limit</b>	No data available	None known	
<b>Vapour Pressure</b>	No data available	None known	
<b>Vapour density</b>	No data available	None known	
<b>Specific Gravity</b>	1.0-1.01 g/cm <sup>3</sup>		
<b>Water Solubility</b>	Soluble in water.	None known	
<b>Solubility Other Solvents</b>	No data available	None known	
<b>Partition Coefficient:</b>			
<b>n-octanol/water</b>	No data available	None known	
<b>Autoignition temperature</b>	No data available	None known	
<b>Decomposition</b>	No data available	None known	
<b>Temperature</b>			
<b>Kinematic Viscosity</b>	No data available	None known	
<b>Dynamic Viscosity</b>	No data available	None known	
<b>Explosive Properties</b>	No data available	None known	
<b>Oxidizing Properties</b>	No data available	None known	
<b><u>Other Properties:</u></b>			
<b>Softening Point</b>	No data available		
<b>VOC Content %</b>	No data available		
<b>Particle Size</b>	No data available		
<b>Particle Size Distribution</b>	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.

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<b>Possibility of hazardous reactions</b>	Reacts with acids. Reacts with reducing and oxidizing agents.
<b>Conditions to avoid</b>	Store away from reducing agents, acids, and acid salts of heavy metals, organic materials and flammable substances.
<b>Hazardous decomposition products</b>	Acids, oxidizing and reducing agents.
<b>Materials to avoid</b>	Oxides of carbon.
<b>Hazardous polymerization</b>	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

#### **Sodium salt of dodecylbenzene sulphonic acid CAS # 27176-87-0 :**

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

LD 50 (Dermal) Rabbit: > 2,000 mg/kg

#### **Carcinogenicity:**

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

Cocamide DEA 2B Possibly carcinogenic to humans.

#### **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:** May damage fertility or the unborn child.

#### **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

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

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Canadian TDG (Road & Rail): Not Regulated  
Water Transportation (IMO): Not Regulated  
Air Transportation (IATA): Not Regulated

### 15. REGULATION

Canadian DSL Appears.  
EINECS Appears.  
WHMIS 1988 Classification: Class D-Division 2B



#### HMIS III Rating:

Health: 2 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

**Prepared By:** Technical Department.

**Issuing Date:** April 10, 2017

#### **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**