

# SAFETY DATA SHEET

## Aqualite ValuE Oven & Grill.

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

**Identification of Preparation:** ValuE Oven & Grill  
**Date of Safety Data Sheet:** February 8, 2017  
**Use of Preparation:** Cleaner  
**Company Identification:** Aqualite Chemical Inc.  
950 Denison Street, Unit 13,  
Markham Ontario L3R 3K5  
OFFICE:  
Tel: 905 470 7538  
Fax: 905 470 1564

**Company Emergency Telephone Number**      Emergency Phone: 905 470 7538

### 2. HAZARD IDENTIFICATION

**Emergency Overview:**  
**OSHA / WHMIS 2015 Hazards**  
**Classification of substance or mixture**  
**GHS-US/Canadian classification:**  
**GHS Hazards**  
Corrosive to Metal 1 H290  
Skin Corrosive 1A H314  
Eye Damage 1 H318  
**Label Elements**  
**GHS-US/ Canada Labeling**  
**Hazard Pictograms (GHS):**



**Signal Word (GHS):** Danger  
**Hazard Statements (GHS):**  
H290 – May be corrosive to metals.  
H302 - Harmful if swallowed  
H314 - Causes severe skin burns and eye damage  
H318 – Causes serious eye damage.  
**Precautionary Statements (GHS):**  
P260: Do not breathe mist, spray, and vapours.  
P280: Wear face protection, protective clothing, protective gloves, and eye protection.  
**Response Statements (GHS):**  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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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.

P310 Immediately call a POISON CENTER or doctor/physician.

P315: Get immediate medical advice/attention.

P363 Wash contaminated clothing before re-use.

P501: Dispose of contents / container in accordance with local regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Alanine, N,N-bis(carboxymethyl)-, trisodium salt	164462-16-2	1-5	Corrosive to Metals Category 1- H 290
Potassium Hydroxide	1310-58-3	15-35	Corrosive to Metals Category 1- H 290 Acute Toxicity Category 4(Oral) - H302 Skin Corrosion/Irritation Category 1A – H314 Serious Eye Damage/ Eye Irritation Category 2A – H318 Aquatic Hazard (Acute) Category 3 – H402
Decyl and Alkyl Glucoside	110615-47-9 and 68515-73-1	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion/Irritation Category 2A - H315 Serious Eye Damage/Eye Irritation Category 1 - H318

### 4. FIRST AID MEASURES

<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>Inhalation:</b>	Remove to fresh air. If symptoms persist consult physician.
<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.
<b>Most Important symptoms and effects, both acute and delayed:</b>	Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

### 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam
<b>Unsuitable extinguishing media:</b>	None known.
<b>Special exposure hazards</b>	Thermal decomposition releases irritating gases.
<b>Special safety equipment:</b>	Self-contained positive pressure breathing apparatus and protective clothing.

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Fire and explosion  
Further information

Not flammable. Not an explosive hazard.  
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 vapour or 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 or absorbents 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.

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

#### Information about fire and explosion protection:

Keep respiratory protective device available.

No special measures required.

#### Conditions for safe storage, including any incompatibilities:

**Storage:** Acids, oxidizers, reducing agents.

#### 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 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.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles or full face shield.
Skin protection:	Use body-covering impervious clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
Exposure Guidelines:	<b>Potassium Hydroxide</b> ACGIH Ceiling 2 mg/m <sup>3</sup> OSHA PEL (TWA) 2 mg/m <sup>3</sup>

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and Chemical Properties

Physical State	Liquid	Odour	Typical
Appearance	Clear.	Odour Threshold	No data available.
Colour	Brown.	Remarks/Method	
Property	Values		
pH	13	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	Similar	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	1.12 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

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### 10. STABILITY AND REACTIVITY

Reactivity	None known.
Chemical stability	Stable under recommended handling and storage conditions (see section 7).
Thermal decomposition/conditions to avoid:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures. Contact with metallic substances.
Hazardous decomposition products	Carbon oxides (CO, CO <sub>2</sub> ). Sodium oxides.
Materials to avoid	Metals such as aluminum. Reducing agents. Strong acids.
Hazardous polymerization	Will not occur

### 11. TOXICOLOGICAL INFORMATION

#### Information on toxicological effects

**Acute toxicity:** Harmful if swallowed.

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

No data available.

**On the skin:** Causes severe skin irritation and eye damage. (PH: 13.0).

**On the eye:** Causes serious eye damage. (PH: 13.0)

**Respiratory or Skin Sensitization:** Not classified.

**Additional toxicological information:**

**Carcinogenicity:**

**Chemical Name**

IARC None

NTP None

### 12. ECOLOGICAL INFORMATION

Toxicity:	Not classified
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available.
Other Adverse Effects	None known.
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.

**Ecology – Waste Materials:** Avoid release to the environment.

### 14. TRANSPORTATION INFORMATION

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## Aqualite ValuE Oven & Grill.

**Canadian T.D.G.: Regulated Material (quantity under 1 litres can be shipped Limited Quantity)**

Proper Shipping Name: Caustic Alkali liquid, N.O.S.

Contains: Potassium Hydroxide

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



**Water Transportation (IMDG): Regulated Material**

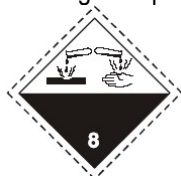
Proper Shipping Name: Caustic alkali liquid, N.O.S.

Contains: Potassium Hydroxide

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



**Air Transportation (IATA): Regulated Material**

Proper Shipping Name: Caustic alkali liquid, N.O.S.

Contains: Potassium Hydroxide

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



**US DOT: Regulated material**

**Air Transportation (IATA): Regulated Material**

Proper Shipping Name: Caustic alkali liquid, N.O.S.

Contains: Potassium Hydroxide

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



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### 15. REGULATORY INFORMATION

#### Occupational Health & Safety Regulations:

WHMIS 1988 Classification: Class D - Division 2B, Class E



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	Complies
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.  
NSRL or no significant risk level.

##### HMIS III Rating

Health: 3 Hazard

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: C

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SDS US (GHS HazCom 2012 and WHMIS 2015)

### 16. OTHER INFORMATION

**Prepared By:** Lizmar  
551 Catchmore Road,  
Campbellford, Ontario,  
K0L 1L0

**Issuing Date:** February 8, 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**