

# AlkaClean™ Additive 2500

# SAFETY DATA SHEET

Preparation Date: 25-Jul-2019

Revision Date: 21-Jun-2021

Revision Number: 2

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

### Product Identifier

**Product Name** AlkaClean™ Additive 2500

### Other means of identification

**Item#:** 1861

**Synonyms** None

### Recommended use of the chemical and restrictions on use

**Recommended use** Industrial use Surfactant

**Uses advised against** All other

### Details of the supplier of the safety data sheet

**Supplier** DeLaval Cleaning Solutions  
11100 N. Congress Ave.  
Kansas City, MO 64153  
Tel: 816-891-7700, 8am – 5pm M-F

### Emergency Telephone Number

Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute Toxicity - Oral	Category 4
Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2A

### Label Elements

#### **Emergency Overview**

#### **WARNING**

#### **Hazard Statements**

Harmful if swallowed  
Causes skin irritation  
Causes serious eye irritation



**Appearance** Colorless to slightly yellow      **Physical state** Liquid      **Odor** No information available

#### Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product

#### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.  
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

#### Precautionary Statements - Storage

Store away from incompatible materials

#### Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Alcohols, C10-12, ethoxylated propoxylated	68154-97-2	90 - 100

If a concentration range is shown, the exact concentration has been withheld as a trade secret.

### 4. FIRST AID MEASURES

#### Description of first-aid measures

<b>General Advice</b>	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Remove and wash contaminated clothing before re-use.
<b>Inhalation</b>	Move to fresh air. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Rinse mouth. If swallowed: Call a POISON CENTER or doctor if you feel unwell. Do not induce vomiting without medical advice.

**Most important symptoms and effects, both acute and delayed**

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Water fog, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed.

**Sensitivity to static discharge** None.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Move containers from fire area if you can do it without risk.

**NFPA**                      **Health hazards** 1                      **Flammability** 1                      **Instability** 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

**Environmental Precautions**

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate surface water. Avoid dispersal of spilt material into waterways, drains, and sewers.

**Methods and material for containment and cleaning up**

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

**Handling**                      Do not taste or swallow. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Wear personal protective equipment. Handle in accordance with good industrial hygiene and safety practice. Avoid release to the environment. Do not empty into drains.

**Conditions for safe storage, including any incompatibilities**

**Storage**                      Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials.

**Incompatible Materials**                      strong oxidizing agents

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

### Appropriate engineering controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

### Individual protection measures, such as personal protective equipment

<b>Eye/face Protection</b>	Safety glasses with side-shields, Goggles.
<b>Skin and body protection</b>	Wear appropriate chemical resistant gloves. Wear appropriate chemical resistant clothing.
<b>Respiratory Protection</b>	In case of inadequate ventilation wear respiratory protection.

**General Hygiene Considerations** When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Wear appropriate thermal protective clothing, when necessary.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	No information available
<b>Appearance</b>	Colorless to slightly yellow	<b>Odor Threshold</b>	No information available
<b>Property</b>	<b>Values</b>	<b>Remarks/ Method</b>	
pH	7 - 10		
Melting point/freezing point	-12.22 °C / 10 °F		
Boiling Point/Range	203.89 °C / 399 °F		
Flash Point	> 93.9 °C / > 201.0 °F		
Evaporation rate	Estimated slower than ethyl ether		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit	No information available		
Lower flammability limit	No information available		
Vapor Pressure	No information available		
Vapor Density	No information available		
Specific Gravity	1.0		
Water Solubility	soluble		
Partition coefficient: n-octanol/water	No information available		
Autoignition Temperature	No information available		
Decomposition temperature	No information available		
Viscosity of Product	230 cP @25C		
Dynamic viscosity	No information available		

### Other information

**Liquid Density** 8.35 lb/gal

## 10. STABILITY AND REACTIVITY

**Reactivity**

The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None under normal use.

**Hazardous Polymerization**

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Conditions to Avoid**

Extremes of temperature and direct sunlight.

**Incompatible Materials**

strong oxidizing agents

**Hazardous decomposition products**

Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.

## 11. TOXICOLOGICAL INFORMATION

**Principal Routes of Exposure** Eye contact, Skin contact, Ingestion

**Information on likely routes of exposure**

<b>Eyes</b>	Causes serious eye irritation.
<b>Skin</b>	Irritating to skin.
<b>Ingestion</b>	Harmful if swallowed.
<b>Inhalation</b>	Prolonged inhalation may be harmful.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	Product is not identified as a sensitizer according to OSHA regulations.
<b>Mutagenic effects</b>	Product is not identified as a mutagen according to OSHA regulations.
<b>Carcinogenicity</b>	Product is not identified as a carcinogen according to OSHA regulations.

<b>Reproductive Effects</b>	Product is not identified as having reproductive effects according to OSHA regulations.
<b>STOT - single exposure</b>	Product is not identified as having single target organ toxicity (single exposure) according to OSHA regulations.
<b>STOT - repeated exposure</b>	Product is not identified as having single target organ toxicity (repeated exposure) according to OSHA regulations.
<b>Aspiration Hazard</b>	Product is not identified as an aspiration hazard according to OSHA regulations.

**Numerical measures of toxicity**

If available, toxicity values of individual components are shown below.

0% of the mixture consists of ingredient(s) of unknown toxicity

<b>ATEmix (oral)</b>	1800 mg/kg (rat)
<b>ATEmix (dermal)</b>	> 2000 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

If available, ecotoxicity values of individual components are shown below.

**Persistence and degradability**

Expected to be biodegradable.

**Bioaccumulation/Accumulation**

No information available.

**Other adverse effects**

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Waste Disposal Method**

Dispose of contents/container in accordance with local/regional/national/international regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**14. TRANSPORT INFORMATION****DOT**

Not regulated

**15. REGULATORY INFORMATION****California Proposition 65**

WARNING: This product can expose you to chemicals including Acetaldehyde, which are known to the State of California to cause cancer, and Ethylene Glycol, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

State Regulations

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

**16. OTHER INFORMATION**

**Preparation Date:** 25-Jul-2019  
**Revision Date:** 21-Jun-2021  
**Revision Note:** None

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of SDS