

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : OASIS 565

Other means of identification : Not applicable

Recommended use : Cleaning product

Restrictions on use : Reserved for industrial and professional use.

Product dilution information : 0.78 % - 25.0 %

Company : Ecolab Inc.  
1 Ecolab Place  
St. Paul, Minnesota USA 55102  
1-800-352-5326

Emergency health information : 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)

Issuing date : 09/11/2019

**SECTION 2. HAZARDS IDENTIFICATION**
**GHS Classification**
**Product AS SOLD**

Acute toxicity (Oral) : Category 4

Skin irritation : Category 2

Serious eye damage : Category 1

Skin sensitization : Category 1

Carcinogenicity : Category 2

Specific target organ toxicity - repeated exposure (Oral) : Category 2 (Blood)

Specific target organ toxicity - repeated exposure (Dermal) : Category 2 (Kidney)

**Product AT USE DILUTION**

Skin sensitization : Category 1

Carcinogenicity : Category 2

Specific target organ toxicity - repeated exposure (Oral) : Category 2 (Blood)

Specific target organ toxicity - repeated exposure (Dermal) : Category 2 (Kidney)

**GHS label elements**
**Product AS SOLD**

Hazard pictograms :



Signal Word : Danger

Hazard Statements : Harmful if swallowed.  
Causes skin irritation.  
May cause an allergic skin reaction.

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Causes serious eye damage.  
Suspected of causing cancer.  
May cause damage to organs (Blood) through prolonged or repeated exposure if swallowed.  
May cause damage to organs (Kidney) through prolonged or repeated exposure in contact with skin.

Precautionary Statements : **Prevention:**  
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/ protective clothing/ eye protection/ face protection.  
**Response:**  
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. IF exposed or concerned: Get medical advice/ attention. If skin irritation or rash occurs: Get medical advice/ attention. Take off contaminated clothing and wash before reuse.  
**Storage:**  
Store locked up.  
**Disposal:**  
Dispose of contents/ container to an approved waste disposal plant.

#### Product AT USE DILUTION

Hazard pictograms :



Signal Word : Warning

Hazard Statements : May cause an allergic skin reaction.  
Suspected of causing cancer.  
May cause damage to organs (Blood) through prolonged or repeated exposure if swallowed.  
May cause damage to organs (Kidney) through prolonged or repeated exposure in contact with skin.

Precautionary Statements : **Prevention:**  
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/ protective clothing/ eye protection/ face protection.  
**Response:**  
IF ON SKIN: Wash with plenty of soap and water. IF exposed or concerned: Get medical advice/ attention. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse.  
**Storage:**  
Store locked up.  
**Disposal:**  
Dispose of contents/ container to an approved waste disposal plant.

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### Product AS SOLD

**Other hazards** : Do not mix with bleach or other chlorinated products – will cause chlorine gas.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Product AS SOLD

Pure substance/mixture : Mixture

Chemical name	CAS-No.	Concentration (%)
Linear Alkylbenzenesulphonates	26545-53-9	30 - 60
Diethanolamine	111-42-2	10 - 30
Limonene	5989-27-5	10 - 30
ethylenediamine tetraacetate	60-00-4	1 - 5

### Product AT USE DILUTION

Chemical name	CAS-No.	Concentration (%)
Linear Alkylbenzenesulphonates	26545-53-9	5 - 10
Diethanolamine	111-42-2	1 - 5
Limonene	5989-27-5	1 - 5

## SECTION 4. FIRST AID MEASURES

### Product AS SOLD

- In case of eye contact : 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. Get medical attention immediately.
- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
- If swallowed : Rinse mouth. Get medical attention if symptoms occur.
- If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.
- Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.
- Notes to physician : Treat symptomatically.
- Most important symptoms and effects, both acute and delayed : See Section 11 for more detailed information on health effects and symptoms.

### Product AT USE DILUTION

- In case of eye contact : Rinse with plenty of water.
- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
- If swallowed : Rinse mouth. Get medical attention if symptoms occur.
- If inhaled : Get medical attention if symptoms occur.

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### SECTION 5. FIRE-FIGHTING MEASURES

#### Product AS SOLD

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : None known.
- Specific hazards during fire fighting : Not flammable or combustible.
- Hazardous combustion products : Decomposition products may include the following materials:  
Carbon oxides  
Nitrogen oxides (NOx)  
Sulfur oxides
- Special protective equipment for fire-fighters : Use personal protective equipment.
- Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Product AS SOLD

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Do not allow contact with soil, surface or ground water.
- Methods and materials for containment and cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

#### Product AT USE DILUTION

- Personal precautions, protective equipment and emergency procedures : Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Do not allow contact with soil, surface or ground water.
- Methods and materials for containment and cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

### SECTION 7. HANDLING AND STORAGE

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#### Product AS SOLD

Advice on safe handling : Do not ingest. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Warning! Do not use together with other products. May release dangerous gases (chlorine).

Do not ingest. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Do not mix with bleach or other chlorinated products – will cause chlorine gas. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Conditions for safe storage : Keep out of reach of children. Store in suitable labeled containers.

Storage temperature : 0 °C to 50 °C

#### Product AT USE DILUTION

Advice on safe handling : Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. In case of mechanical malfunction, or if in contact with unknown dilution of product, wear full Personal Protective Equipment (PPE).

Conditions for safe storage : Keep out of reach of children. Store in suitable labeled containers.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Product AS SOLD

##### Ingredients with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Diethanolamine	111-42-2	TWA (Inhalable fraction and vapor)	1 mg/m <sup>3</sup>	ACGIH
		TWA	3 ppm 15 mg/m <sup>3</sup>	NIOSH REL
Limonene	5989-27-5	TWA	30 ppm	AIHA WEEL

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

#### Personal protective equipment

Eye protection : Wear eye protection/ face protection.

Hand protection : Wear the following personal protective equipment:  
Standard glove type.  
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection : No personal respiratory protective equipment normally required.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of

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the eyes and body in case of contact or splash hazard.

#### Product AT USE DILUTION

Engineering measures : Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

#### Personal protective equipment

Eye protection : Wear eye protection/ face protection.

Hand protection : Wear the following personal protective equipment:  
Standard glove type.  
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection : No personal respiratory protective equipment normally required.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

	Product AS SOLD	Product AT USE DILUTION
Appearance	: liquid	liquid
Color	: clear, amber	yellow
Odor	: citrus	citrus
pH	: 10.0, (100 %)	9.0 - 9.6
Flash point	: Not applicable	
Odor Threshold	: No data available	
Melting point/freezing point	: No data available	
Initial boiling point and boiling range	: 100 °C	
Evaporation rate	: No data available	
Flammability (solid, gas)	: No data available	
Upper explosion limit	: No data available	
Lower explosion limit	: No data available	
Vapor pressure	: No data available	
Relative vapor density	: No data available	
Relative density	: 1.025 - 1.055	
Water solubility	: No data available	
Solubility in other solvents	: No data available	
Partition coefficient: n-octanol/water	: No data available	
Autoignition temperature	: No data available	
Thermal decomposition	: No data available	
Viscosity, kinematic	: No data available	
Explosive properties	: No data available	

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Oxidizing properties : No data available  
Molecular weight : No data available  
VOC : No data available

#### SECTION 10. STABILITY AND REACTIVITY

##### Product AS SOLD

Reactivity : No dangerous reaction known under conditions of normal use.  
Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions : Do not mix with bleach or other chlorinated products – will cause chlorine gas.  
Conditions to avoid : None known.  
Incompatible materials : Acids  
Hazardous decomposition products : Decomposition products may include the following materials:  
Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)  
Sulfur oxides

#### SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

##### Potential Health Effects

##### Product AS SOLD

Eyes : Causes serious eye damage.  
Skin : Causes skin irritation. May cause allergic skin reaction.  
Ingestion : Harmful if swallowed.  
Inhalation : Health injuries are not known or expected under normal use.  
Chronic Exposure : Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

##### Product AT USE DILUTION

Eyes : Health injuries are not known or expected under normal use.  
Skin : May cause allergic skin reaction.  
Ingestion : Health injuries are not known or expected under normal use.  
Inhalation : Health injuries are not known or expected under normal use.  
Chronic Exposure : Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

##### Experience with human exposure

##### Product AS SOLD

Eye contact : Redness, Pain, Corrosion

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Skin contact : Redness, Irritation, Allergic reactions  
Ingestion : No information available.  
Inhalation : No symptoms known or expected.

#### Product AT USE DILUTION

Eye contact : No symptoms known or expected.  
Skin contact : Redness, Irritation, Allergic reactions  
Ingestion : No symptoms known or expected.  
Inhalation : No symptoms known or expected.

#### Toxicity

##### Product AS SOLD Product

Acute oral toxicity : Acute toxicity estimate : 1,005 mg/kg  
Acute inhalation toxicity : No data available  
Acute dermal toxicity : No data available  
Skin corrosion/irritation : No data available  
Serious eye damage/eye irritation : No data available  
Respiratory or skin sensitization : No data available  
Carcinogenicity

IARC

##### Group 2B: Possibly carcinogenic to humans

Diethanolamine 111-42-2

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive effects : No data available  
Germ cell mutagenicity : No data available  
Teratogenicity : No data available  
STOT-single exposure : No data available  
STOT-repeated exposure : No data available  
Aspiration toxicity : No data available

#### Components

Acute inhalation toxicity : ethylenediamine tetraacetate  
4 h LC50 Rat: 1.5 mg/l

#### Components

Acute dermal toxicity : Diethanolamine  
LD50 Rabbit: 8,180 mg/kg



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Limonene  
LD50 Rabbit: > 5,000 mg/kg

## SECTION 12. ECOLOGICAL INFORMATION

### Product AS SOLD

#### Ecotoxicity

Environmental Effects : Toxic to aquatic life with long lasting effects.

#### Product

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae : No data available

#### Components

Toxicity to fish : ethylenediamine tetraacetate  
96 h LC50 Fish: 41 mg/l

#### Components

Toxicity to daphnia and other aquatic invertebrates : Diethanolamine  
48 h EC50 Daphnia: 65.5 mg/l

#### Persistence and degradability

### Product AS SOLD

Poorly biodegradable

### Product AT USE DILUTION

Poorly biodegradable

#### Bioaccumulative potential

No data available

#### Mobility in soil

No data available

#### Other adverse effects

No data available

## SECTION 13. DISPOSAL CONSIDERATIONS

### Product AS SOLD

Disposal methods : Do not contaminate ponds, waterways or ditches with chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local, state, and federal regulations.

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#### Product AT USE DILUTION

- Disposal methods : Do not contaminate ponds, waterways or ditches with chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.
- Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local, state, and federal regulations.

#### SECTION 14. TRANSPORT INFORMATION

##### Product AS SOLD

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

##### Land transport (DOT)

Not dangerous goods

##### Sea transport (IMDG/IMO)

- UN number : 3082
- Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Limonene)
- Class : 9
- Packing group : III
- Marine pollutant : yes

#### SECTION 15. REGULATORY INFORMATION

##### Product AS SOLD

##### EPCRA - Emergency Planning and Community Right-to-Know

##### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Diethanolamine	111-42-2	100	650

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

- SARA 311/312 Hazards** : Acute toxicity (any route of exposure)  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Respiratory or skin sensitization  
Carcinogenicity  
Specific target organ toxicity (single or repeated exposure)

- SARA 302** : This material does not contain any components with a section 302 EHS TPQ.

- SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

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Diethanolamine

111-42-2

10 - 20 %

### California Prop. 65

 **WARNING:** This product can expose you to chemicals including Diethanolamine, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### California Cleaning Product Right to Know Act of 2017 (SB 258)

This regulation applies to this product.

Chemical Name	CAS-No.	Function	List(s)
Linear Alkylbenzenesulphonates	26545-53-9	Cleaning Agent	Not Applicable
GLYCOLS -Glycolethers	29911-28-2	Cleaning Agent	Not Applicable
Diethanolamine	111-42-2	Buffer	1, 9, 18, 20
water	7732-18-5	Diluent	Not Applicable
Limonene	5989-27-5	Cleaning Agent	FRA
ethylenediamine tetraacetate	60-00-4	Cleaning Agent	Not Applicable

\*refer to [ecolab.com/sds](http://ecolab.com/sds) for electronic links to designated lists

### The ingredients of this product are reported in the following inventories:

#### United States TSCA Inventory :

All substances listed as active on the TSCA inventory

#### Canadian Domestic Substances List (DSL) :

All components of this product are on the Canadian DSL

#### Australia Inventory of Chemical Substances (AICS) :

On the inventory, or in compliance with the inventory

#### New Zealand. Inventory of Chemical Substances :

not determined

#### Japan. ENCS - Existing and New Chemical Substances Inventory :

not determined

#### Korea. Korean Existing Chemicals Inventory (KECI) :

not determined

#### Philippines Inventory of Chemicals and Chemical Substances (PICCS) :

not determined

#### China. Inventory of Existing Chemical Substances in China (IECSC) :

On the inventory, or in compliance with the inventory

#### Taiwan Chemical Substance Inventory (TCSI) :

On the inventory, or in compliance with the inventory

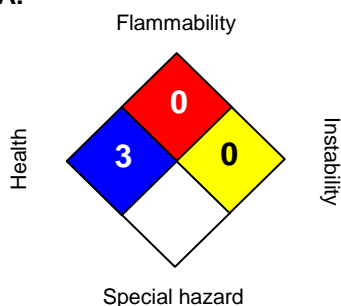
## SECTION 16. OTHER INFORMATION

Product AS SOLD

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## NFPA:



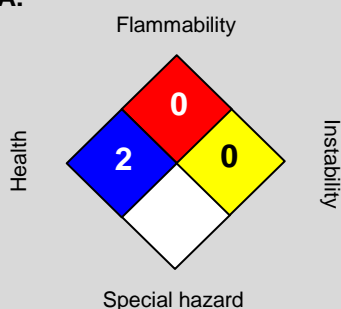
## HMIS III:

HEALTH	3*
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

## Product AT USE DILUTION

### NFPA:



### HMIS III:

HEALTH	2*
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

Issuing date : 09/11/2019  
Version : 1.5  
Prepared by : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

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.