

# Material Safety Data Sheet

OASIS 299



## 1. Product and company identification

Trade name of product : OASIS 299

Product use : disinfectant

Product dilution information : Up to 8 oz/16 oz in water

Supplier's information : Ecolab Inc. Institutional Division  
370 N. Wabasha Street  
St. Paul, MN 55102  
1-800-352-5326

Code : 985580

Date of issue : 29-September-2011

EPA Registration No. : 1677-100

EMERGENCY HEALTH INFORMATION: 1-800-328-0026  
Outside United States and Canada CALL 1-651-222-5352 (in USA)

## 2. Hazards identification

### Product AS SOLD

Physical state : Liquid.

Emergency overview : DANGER !

CAUSES DIGESTIVE TRACT, EYE AND SKIN BURNS.  
CAUSES RESPIRATORY TRACT IRRITATION.

Do not ingest. Do not get in eyes, on skin or on clothing. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

### Product AT USE DILUTION

Liquid.

DANGER !

CAUSES DIGESTIVE TRACT, EYE AND SKIN BURNS.  
CAUSES RESPIRATORY TRACT IRRITATION.

Do not ingest. Do not get in eyes, on skin or on clothing. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

### Potential acute health effects

#### Product AS SOLD

Eyes : Corrosive to eyes.

Skin : Corrosive to the skin.

Inhalation : Irritating to respiratory system.

Ingestion : Causes burns to mouth, throat and stomach.

See toxicological information (Section 11)

#### Product AT USE DILUTION

Corrosive to eyes.

Corrosive to the skin.

Irritating to respiratory system.

Causes burns to mouth, throat and stomach.

## 3. Composition/information on ingredients

### Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
PHOSPHORIC ACID	7664-38-2	17.4
BUTOXYDIGLYCOL	112-34-5	8
CITRIC ACID	77-92-9	4.9
COCAMINE OXIDE	61788-90-7	1 - 5
alcohols, c9-11, ethoxylated	68439-46-3	1 - 5

### Product AT USE DILUTION

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
PHOSPHORIC ACID	7664-38-2	9
BUTOXYDIGLYCOL	112-34-5	4

### 3. Composition/information on ingredients

CITRIC ACID	77-92-9	1 - 5
COCAMINE OXIDE	61788-90-7	1 - 5
alcohols, c9-11, ethoxylated	68439-46-3	1 - 5

### 4. First aid measures

	Product AS SOLD	Product AT USE DILUTION
<b>Eye contact</b>	: In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.	In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Skin contact</b>	: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Inhalation</b>	: If inhaled, remove to fresh air. Get medical attention if irritation persists.	If inhaled, remove to fresh air. Get medical attention if irritation persists.
<b>Ingestion</b>	: If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.	If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

### 5. Fire-fighting measures

#### Product AS SOLD

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
phosphorus oxides

**Fire-fighting media and instructions** : Use an extinguishing agent suitable for the surrounding fire.

Dike area of fire to prevent runoff.

In a fire or if heated, a pressure increase will occur and the container may burst.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### 6. Accidental release measures

	Product AS SOLD	Product AT USE DILUTION
<b>Personal precautions</b>	: Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.	Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.
<b>Environmental precautions</b>	: Avoid contact of spilled material and runoff with soil and surface waterways.	Avoid contact of spilled material and runoff with soil and surface waterways.

## 6. Accidental release measures

<b>Methods for cleaning up</b>	: Follow company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment (see section 8). Absorb/neutralize liquid material. Use a tool to scoop up solid or absorbed material and put into appropriate labeled container. Use a water rinse for final clean-up.	Follow company's spill procedures. Keep people away from spill. Put on appropriate personal protective equipment (see section 8). Absorb/neutralize liquid material. Use a tool to scoop up solid or absorbed material and put into appropriate labeled container. Use a water rinse for final clean-up.
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## 7. Handling and storage

<b>Handling</b>	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
	: Do not ingest. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors, spray or mists. Use only with adequate ventilation. Do not mix with bleach or other chlorinated products - will cause chlorine gas. Keep container closed. Wash thoroughly after handling.	Do not ingest. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
<b>Storage</b>	: Keep out of reach of children. Store in a closed container. Keep container tightly closed.	Keep out of reach of children. Store in a closed container. Keep container tightly closed.
Do not store above the following temperature: 50°C		

## 8. Exposure controls/personal protection

<b>Engineering measures</b>	<b>Product AS SOLD</b>	<b>Product AT USE DILUTION</b>
	: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.	Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
<b><u>Personal protection</u></b>		
<b>Eyes</b>	: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.	Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.
<b>Hands</b>	: Use chemical-resistant, impervious gloves.	Use chemical-resistant, impervious gloves.
<b>Skin</b>	: Use synthetic apron, other protective equipment as necessary to prevent skin contact.	Use synthetic apron, other protective equipment as necessary to prevent skin contact.
<b>Respiratory</b>	: Avoid breathing vapors, spray or mists.	Avoid breathing vapors, spray or mists.

Ingredient	Exposure limits
PHOSPHORIC ACID	<b>ACGIH TLV (United States, 2/2010).</b> STEL: 3 mg/m <sup>3</sup> 15 minute(s). TWA: 1 mg/m <sup>3</sup> 8 hour(s). <b>OSHA PEL (United States, 6/2010).</b> TWA: 1 mg/m <sup>3</sup> 8 hour(s). <b>NIOSH REL (United States, 6/2009).</b> TWA: 1 mg/m <sup>3</sup> 10 hour(s). STEL: 3 mg/m <sup>3</sup> 15 minute(s).

## 9. Physical and chemical properties

**Product AS SOLD**

**Physical state** : Liquid.  
**Flash point** : > 100°C

**Color** : pink  
**Odor** : Sweetish  
**pH** : 1 [Conc. (% w/w): 100%]  
**Relative density** : 1.121

**Product AT USE DILUTION**

Liquid.  
 > 100°C  
 Product does not support combustion.  
 pink [Light]  
 Sweetish  
 1 to 2

## 10. Stability and reactivity

### Product AS SOLD

**Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.

**Reactivity** : Slightly reactive or incompatible with the following materials: metals and alkalis. Do not mix with bleach or other chlorinated products - will cause chlorine gas.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**Hazardous polymerization** : Under normal conditions of storage and use, hazardous polymerization will not occur.

## 11. Toxicological information

### Potential acute health effects

**Product AS SOLD**

**Eyes** : Corrosive to eyes.  
**Skin** : Corrosive to the skin.  
**Inhalation** : Irritating to respiratory system.  
**Ingestion** : Causes burns to mouth, throat and stomach.

**Product AT USE DILUTION**

Corrosive to eyes.  
 Corrosive to the skin.  
 Irritating to respiratory system.  
 Causes burns to mouth, throat and stomach.

### Product AS SOLD

### Other adverse effects

**Target organs** : Contains material which may cause damage to the following organs: blood, kidneys, lungs, liver, upper respiratory tract.

## 12. Ecological information

**Ecotoxicity** : Not reported

## 13. Disposal considerations

**Product AS SOLD**

**Waste disposal** : Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Product AT USE DILUTION**

Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

**RCRA classification** : Unused product is D002 (Corrosive)

## 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

### Product AS SOLD

DOT Classification UN1805  
 DOT Proper shipping name Phosphoric acid solution  
 Class 8  
 Packing group III

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

### Product AT USE DILUTION

Not intended for transport.

## 15. Regulatory information

### Product AS SOLD

HCS : Corrosive material  
 Classification Target organ effects

### Product AS SOLD

#### U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

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SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

#### SARA 313

#### Product name

#### CAS number

#### Concentration

Form R - Reporting requirements : 2-(2-butoxyethoxy)ethanol

112-34-5

7.92

California Prop. 65 : No listed substance

### Product AT USE DILUTION

Corrosive material  
 Target organ effects

## 16. Other information

### Product AS SOLD

Hazardous Material :  
 Information System (U.S.A.)

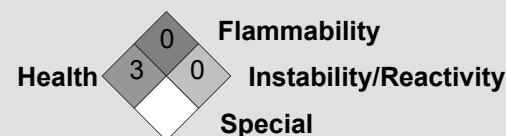
Health	3
Flammability	0
Physical hazards	0

National Fire Protection Association (U.S.A.) :



### Product AT USE DILUTION

Health	*	3
Flammability		0
Physical hazards		0



## 16. Other information

Date of issue : 29-September-2011

Responsible name : Regulatory Affairs

1-800-352-5326

☑ Indicates information that has changed from previously issued version.

### Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.



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