SAFETY DATA SHEET



OASIS 255 SF

Section 1. Chemical product and company identification

Product name

: OASIS 255 SF

Recommended use and

: Glass Cleaner

restrictions

Use only for the purpose on the product label,

Product dilution information : Up to 12.5 oz/gal or 98 mL/L in water

Supplier's information

: Ecolab Inc. Institutional Division

370 N. Wabasha Street St. Paul, MN 55102

1-800-352-5326

Code

909986

Date of issue

: 01 Mar 2013

EMERGENCY HEALTH INFORMATION: 1-800-328-0026

Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Hazards identification

Product AS SOLD

GHS Classification

SERIOUS EYE DAMAGE/ EYE IRRITATION -

Category 2A

AQUATIC TOXICITY (ACUTE) - Category 3

GHS label elements

Signal word

: Warning

Symbol



Hazard statements

: Causes serious eye irritation.

Harmful to aquatic life.

Precautionary statements

Prevention

: Wear eye or face protection. Avoid release to

the environment. Wash hands thoroughly after

handling.

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 attention.

Storage

: No other specific measures identified.

Disposal

: See section 13 for waste disposal information.

Other hazards

: None known.

Product AT USE DILUTION

Not classified.

No signal word.

No known significant effects or critical

hazards.

Wash thoroughly after handling.

Get medical attention if symptoms appear.

No other specific measures identified.

See section 13 for waste disposal

information.

None known.

OASIS 255 SF

Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

Product AS SOLD

Hazardous ingredients

Concentration Range (%)

CAS number

AMMONIUM HYDROXIDE

2

1336-21-6

d-glucopyranose, oligomeric, decyl octyl glycosides

5 - 20

68515-73-1

Product AT USE DILUTION

Hazardous ingredients

Concentration Range (%)

CAS number

AMMONIUM HYDROXIDE

< 0.5

1336-21-6

Section 4. First aid measures

Product AS SOLD

Eye contact

: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if

irritation persists.

Skin contact

: No known effect after skin contact. Rinse with

water for a few minutes.

Inhalation

: No special measures required. Treat

symptomatically.

Ingestion

Get medical attention if symptoms occur.

No known effect after skin contact. Rinse

No known effect after eye contact. Rinse with

with water for a few minutes.

Product AT USE DILUTION

water for a few minutes.

No special measures required. Treat

symptomatically.

Get medical attention if symptoms occur.

Protection of firstaiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Notes to physician

: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The

exposed person may need to be kept under medical surveillance for 48 hours.

See toxicological information (section 11)

Section 5. Fire-fighting measures

Product AS SOLD

Suitable fire extinguishing media

: Use water spray, fog or foam.

Specific hazards arising from the chemical

: In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products Specific fire-fighting methods : Decomposition products may include the following materials: nitrogen oxides

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall/be taken involving any personal risk or without suitable training.

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.

Section 6. Accidental release measures

Product AS SOLD

Personal precautions : Use personal protective equipment as required.

Environmental precautions

: Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Methods for cleaning up

: Use a water rinse for final clean-up.

Product AT USE DILUTION

Use personal protective equipment as required.

Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.

Use a water rinse for final clean-up.

Product AT USE DILUTION

Wash thoroughly after handling.

Product AT USE DILUTION

contaminants.

normal use conditions.

normal use conditions.

normal use conditions.

Good general ventilation should be sufficient

to control worker exposure to airborne

No protective equipment is needed under

No protective equipment is needed under

No protective equipment is needed under

intended conditions of product use.

A respirator is not needed under normal and

Section 7. Handling and storage

Product AS SOLD

Handling

: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage

: Keep out of reach of children. Keep container

tiahtly closed.

Do not store above the following temperature:

Keep out of reach of children.

50°C

Section 8. Exposure controls/personal protection

Control parameters

Ingredient name	Exposure limits
None.	

Product AS SOLD

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal protection

Eye protection

: Wear eye protection.

Hand protection

: No protective equipment is needed under normal use conditions.

Skin protection

Hygiene measures

: No protective equipment is needed under normal use conditions.

Respiratory protection

: A respirator is not needed under normal and

intended conditions of product use.

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing

before reusing.

Section 9. Physical and chemical properties

Product AS SOLD

Physical state

: Liquid.

Color Odor

: Blue

Hq

: Ammoniacal : 10.5 to 12 (100%)

Flash point

: 99 °C (Closed cup)

Product does not support combustion.

Explosion limits

· Not available.

Product AT USE DILUTION

Liquid.

Blue [Light]

Ammoniacal [Slight]

9 to 11.5 > 100°C

Section 9. Physical and chemical properties

Flammability (solid,

gas)

: Not available.

Melting point

: Not available. : 100°C (212°F)

Boiling point Evaporation rate

: Not available.

(butyl acetate = 1)

Vapor pressure Vapor density

: Not available. : Not available.

Relative density

: 0.99 to 1.05 (Water = 1)

Solubility

: Easily soluble in the following materials: cold

water and hot water.

Partition coefficient: Not available.

n-octanol/water

Auto-ignition

: Not available.

temperature

Decomposition

: Not available.

temperature

Odor threshold : Not available.

Viscosity

: Not available.

Section 10. Stability and reactivity

Product AS SOLD

Stability

: The product is stable.

Possibility of hazardous

reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid

: No specific data.

Materials to avoid

: Slightly reactive or incompatible with the following materials: acids.

Hazardous decomposition

products

: Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

Section 11. Toxicological information

Route of exposure

: Skin contact, Eye contact, Inhalation, Ingestion

Product AS SOLD

Symptoms

Eye contact

: Adverse symptoms may include the following:

pain or irritation

watering redness

Skin contact

: No specific data. : No specific data.

Inhalation Ingestion

: No specific data.

Acute toxicity

Eye contact

: Causes serious eye irritation.

Skin contact

: No known significant effects or critical hazards.

Inhalation

: No known significant effects or critical hazards.

Ingestion

: No known significant effects or critical hazards.

Product AT USE DILUTION

No specific data.

No specific data. No specific data. No specific data.

No known significant effects or critical hazards.

Section 11. Toxicological information

Toxicity data

Product/ingredient name

Result

Species

Dose

d-glucopyranose, oligomeric, decyl octyl

LD50 Dermal

Rabbit

>2000 mg/kg

glycosides

LD50 Oral

Rat

>5000 mg/kg

Chronic toxicity

Carcinogenicity

: No known significant effects or critical hazards.

Mutagenicity

: No known significant effects or critical hazards.: No known significant effects or critical hazards.

Teratogenicity

Developmental effects

: No known significant effects or critical hazards.

Fertility effects

: No known significant effects or critical hazards.

Section 12. Ecological information

Product AS SOLD

Ecotoxicity

: This material is harmful to aquatic life.

Aguatic and terrestrial toxicity

Product/ingredient name

Result

Species

Exposure

d-glucopyranose, oligomeric, decyl octyl

Acute EC50 18 mg/l

Aquatic plants

72 hours

glycosides

ammonia

Acute LC50 0.85 mg/l

Fish

96 hours

Other adverse effects

: No known significant effects or critical hazards.

Section 13. Disposal considerations

Product AS SOLD

Disposal methods

: Diluted product can be flushed to sanitary sewer.

Discard empty container in trash.

Product AT USE DILUTION

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

Section 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.

<u>DOT</u>

DOT Classification

Not regulated.

IMO/IMDG

IMO/IMDG Classification

Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

Product AT USE DILUTION

Not intended for transport.

Section 15. Regulatory information

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory

: All components are listed or exempted.

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

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

SARA 313

California Prop. 65

Product name

CAS number

Concentration

Form R - Reporting

: ammonia

1336-21-6

1.885

requirements

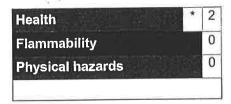
: No listed substance

Section 16. Other information

Product AS SOLD

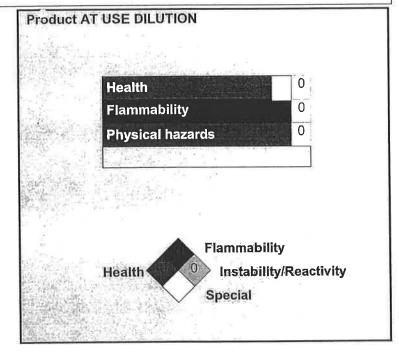
Hazardous Material

Information System (U.S.A.)



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





Date of issue

: 01 Mar 2013

Prepared by

: Regulatory Affairs

1-800-352-5326

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.