Material Safety Data Sheet

OASIS 115 XP

1. Product and company identification

Trade name of product : OASIS 115 XP **Product use** : Floor Cleaner

Product dilution information: Up to 1:4 in water

Supplier's information : Ecolab Inc. Institutional Division

> 370 N. Wabasha Street St. Paul, MN 55102 1-800-352-5326

Code : 909960

Date of issue : 21-April-2011

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. : DANGER! **Emergency**

overview

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

: Corrosive to eyes. Eyes Skin : Corrosive to the skin.

Inhalation : Severely irritating to the respiratory system.

Ingestion : Causes burns to mouth, throat and stomach. **Product AT USE DILUTION**

Liquid. CAUTION!

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes. Wash thoroughly

after handling.

Product AT USE DILUTION

Moderately irritating to eyes. Slightly irritating to the skin.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

See toxicological information (section 11)

Composition/information on ingredients 3.

Product AS SOLD

CAS number % by weight <u>Name</u> 1310-73-2 SODIUM HYDROXIDE **TETRASODIUM EDTA** 64-02-8

Product AT USE DILUTION

Name **CAS** number % by weight SODIUM HYDROXIDE

1310-73-2

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Composition/information on ingredients 3.

4. First aid measures

Product AS SOLD

Eye contact : 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.

Skin contact : 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.

Inhalation : If inhaled, remove to fresh air. If exposed person is

not breathing, give artificial respiration or oxygen applied by trained personnel. Get medical attention.

Ingestion 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.

Product AT USE DILUTION

In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.

Rinse with water for a few minutes.

No special measures required. Treat symptomatically.

Get medical attention if symptoms occur.

Fire-fighting measures 5.

Product AS SOLD

Hazardous thermal decomposition products : Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides metal oxide/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

Personal precautions : 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.

Environmental precautions

: Avoid contact of spilled material and runoff with soil

and surface waterways.

Methods for cleaning 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.

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.

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7. Handling and storage

Product AS SOLD

Handling: Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray. Keep

container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Storage: Keep out of reach of children. Store in a closed

container. Keep container tightly closed.

Store between the following temperatures: -10 and

50°C

Product AT USE DILUTION

Avoid contact with eyes. Wash thoroughly after handling.

Keep out of reach of children. Store in a closed container.

8. Exposure controls/personal protection

Product AS SOLD

Engineering

measures

: 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.

Personal protection

Eyes: Use chemical splash goggles. For continued or severe

exposure wear a face shield over the goggles.

Hands: Use chemical-resistant, impervious gloves.

Skin: Use synthetic apron, other protective equipment as

necessary to prevent skin contact.

Respiratory: Wear appropriate respirator when ventilation is

inadequate and occupational exposure limits are

exceeded.

Product AT USE DILUTION

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Safety eyewear should be used when there is a likelihood of exposure.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

No special protection is required.

Ingredient	Exposure limits
	ACGIH TLV (United States, 2/2010). C: 2 mg/m³ OSHA PEL (United States, 6/2010). TWA: 2 mg/m³ 8 hour(s).

9. Physical and chemical properties

Product AS SOLD

Physical state : Liquid.
Flash point : > 100°C
Color : Green [Dark]
Odor : Ammoniacal

pH : 12.5 to 14 [Conc. (% w/w): 100%]

Relative density: 1.051 to 1.071

Solubility : Soluble in the following materials: cold water and hot

water.

Product AT USE DILUTION

Liquid. > 100°C Green [Light] Ammoniacal 10.5 to 13.65 OASIS 115 XP 21 April 2011

Stability and reactivity

Product AS SOLD

Stability : The product is stable. Under normal conditions of storage and use, hazardous

polymerization will not occur.

Reactivity : Highly 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.

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

Toxicological information 11.

Potential acute health effects

Product AS SOLD

: Corrosive to eyes. Eyes Skin : Corrosive to the skin.

Inhalation : Severely irritating to the respiratory system.

Ingestion

: Causes burns to mouth, throat and stomach.

Product AT USE DILUTION

Moderately irritating to eyes. Slightly irritating to the skin.

No known significant effects or critical

hazards.

No known significant effects or critical

hazards.

Product AS SOLD Other adverse effects

Target organs : Contains material which may cause damage to the following organs: lungs, upper

respiratory tract.

12. **Ecological information**

Ecotoxicity : Not reported

Disposal considerations 13.

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.

RCRA : Unused product is D002 (Corrosive)

classification

Product AT USE DILUTION

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

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 UN1824

DOT Proper shipping name Sodium hydroxide solution

Class Packing group Ш

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

Product AT USE DILUTION

Not intended for transport.

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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.

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

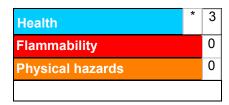
: No listed substance

California Prop. 65 : No listed substance

16. Other information

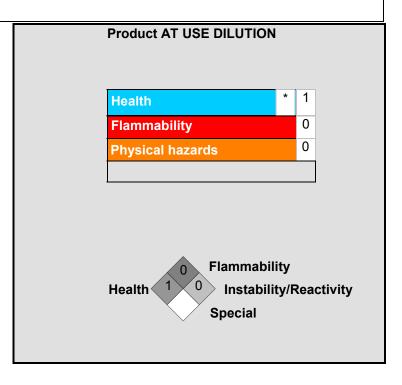
Product AS SOLD

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



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





Product AT USE DILUTION

Irritating material

Date of issue : 21-April-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.