

Material Safety Data Sheet

ECOLAB

GEMSTAR GEMINI

4 March 2011

GEMSTAR GEMINI

1. Product and company identification

Trade name of product : GEMSTAR GEMINI
Product use : Floor care product

Product dilution information : Not applicable

Supplier's information

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

Date of issue : 04-March-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.

Emergency overview : CAUTION!

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes. Wash thoroughly after handling.

Potential acute health effects

Product AS SOLD

Eyes : Slightly irritating to the eyes.

Skin : Slightly irritating to the skin.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

3. Composition/information on ingredients

Product AS SOLD

Name

ETHOXYDIGLYCOL

ethanol, 2-butoxy-, phosphate (3:1)

CAS number

111-90-0

% by weight

4

78-51-3

1 - 5

Product AT USE DILUTION

Name

Product is sold ready to use.

CAS number

Product is sold ready to use.

% by weight

Product is sold ready to use.

4. First aid measures

Product AS SOLD

Eye contact : Rinse with water for a few minutes.

Skin contact : Rinse with water for a few minutes.

Inhalation : No special measures required. Treat symptomatically.

Ingestion : Get medical attention if symptoms occur.

Product AT USE DILUTION

Product is sold ready to use.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products

: Decomposition products may include the following materials:

carbon dioxide

carbon monoxide

phosphorus oxides

: Use an extinguishing agent suitable for the surrounding fire.

Fire-fighting media and instructions

Dike area of fire to prevent runoff.

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

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

Special protective equipment for fire-fighters

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

Product is sold ready to use.

7. Handling and storage

Product AS SOLD

Handling : Avoid contact with eyes. Wash thoroughly after handling.

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

Do not store below the following temperature: 0°C

Product AT USE DILUTION

Product is sold ready to use.

8. Exposure controls/personal protection

Product AS SOLD

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

Personal protection

Eyes : No protective equipment is needed under normal use conditions.

Hands : No protective equipment is needed under normal use conditions.

Skin : No protective equipment is needed under normal use conditions.

Respiratory : No special protection is required.

Consult local authorities for acceptable exposure limits.

Product AT USE DILUTION

Product is sold ready to use.

Product is sold ready to use.

9. Physical and chemical properties

Product AS SOLD

Physical state : Liquid.
Flash point : > 100°C
Color : White
Odor : Acrylic
pH : 8.6 [Conc. (% w/w): 100%]
Relative density : 1.025

Product AT USE DILUTION

Product is sold ready to use.

15. Regulatory information

SARA 302/304/311/312 extremely hazardous substances: No listed substance
SARA 302/304 emergency planning and notification: No listed substance

SARA 313

Form R - Reporting requirements

CAS number 111-90-0

Concentration 3.68

Product name : ethanol, 2-(2-ethoxyethoxy)-

California Prop. 65 : No listed substance

10. Stability and reactivity

Product AS SOLD

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

Hazardous decomposition : 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.

Product AS SOLD

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

Health	1
Flammability	0
Physical hazards	0

11. Toxicological information

Potential acute health effects

Product AS SOLD

Eyes : Slightly irritating to the eyes.
Skin : Slightly irritating to the skin.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Product AT USE DILUTION

Product is sold ready to use.

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



12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

Product AS SOLD

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

Product AT USE DILUTION

Product is sold ready to use.

Date of issue : 04-March-2011

Responsible name : Regulatory Affairs

1-800-352-5326

Indicates information that has changed from previously issued version.
Notice to reader

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 : Not regulated.

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

15. Regulatory information

Product AS SOLD

HCS : Not regulated.

Classification

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory

: All components are listed or exempted.

Product AT USE DILUTION

Product is sold ready to use.

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.