Material Safety Data Sheet

FRONT COURT

ECOLAB

1. Product and company identification

Trade name of product : FRONT COURT
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

Code : 911114
Date of issue : **17-February-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.

Product AT USE DILUTION
Product is sold ready to use.

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.

See toxicological information (section 11)

3. Composition/information on ingredients

Product AS SOLD

Name	CAS number	% by weight
ETHOXYDIGLYCOL	111-90-0	7
ethanol, 2-butoxy-, phosphate (3:1)	78-51-3	1 - 5

Product AT USE DILUTION

Name	CAS number	% 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

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 : 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.
Store between the following temperatures: 10 and 40°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.

Product AT USE DILUTION
Product is sold ready to use.

Product is sold ready to use.

Consult local authorities for acceptable exposure limits.

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9. Physical and chemical properties

	Product AS SOLD	Product AT USE DILUTION
Physical state	: Liquid.	Product is sold ready to use.
Flash point	: > 100°C	
Color	: White [Light]	
Odor	: Sweetish	
pH	: 8.51 [Conc. (% w/w): 100%]	
Boiling/condensation point	: 100°C (212°F)	
Relative density	: 1.04	
Viscosity	: Dynamic: 20 mPa·s (20 cP)	

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 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	Product AT USE DILUTION
Eyes	: Slightly irritating to the eyes.	Product is sold ready to use.
Skin	: Slightly irritating to the skin.	
Inhalation	: No known significant effects or critical hazards.	
Ingestion	: No known significant effects or critical hazards.	

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

	Product AS SOLD	Product AT USE DILUTION
Waste disposal	: Diluted product can be flushed to sanitary sewer. Discard empty container in trash.	Product is sold ready to use.

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	Product AT USE DILUTION
HCS Classification	: Not regulated.	Product is sold ready to use.

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

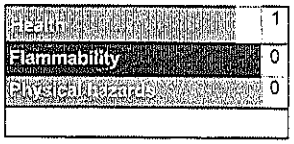
SARA 313	Product name	CAS number	Concentration
Form R - Reporting requirements	: ethanol, 2-(2-ethoxyethoxy)-	111-90-0	6.98

California Prop. 65 : No listed substance

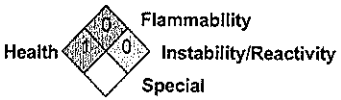
16. Other information

Product AS SOLD

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



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



Date of issue : 17-February-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.