

## Section 1. Chemical product and company identification

Trade name : GEM DRY  
 Product use : Rinse additive  
 Supplier : Ecolab Inc. Institutional Division  
 370 N. Wabasha Street  
 St. Paul, MN 55102  
 1-800-352-5326  
 : 927863

Date of issue : 04-August-2006

EMERGENCY HEALTH INFORMATION: 1-800-328-0026

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

## Section 2. Composition, information on ingredients

Name : alcohols, c12-15, ethoxylated  
 CAS number : 68131-39-5  
 % by weight : 1 - 5

## Section 3. Hazards identification

Physical state : Liquid (Liquid)  
 Emergency overview : CAUTION!

MAY CAUSE EYE IRRITATION  
 Repeated or prolonged contact with irritants may cause dermatitis.  
 Avoid contact with eyes. Wash thoroughly after handling

### Potential acute health effects

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)

## Section 4. First aid measures

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 if irritation occurs  
 Skin contact : Flush contaminated skin with plenty of water Wash clothing before reuse  
 Inhalation : If inhaled, remove to fresh air  
 Ingestion : Do not induce vomiting Never give anything by mouth to an unconscious person. If irritation persists, get medical attention.

## Section 5. Fire fighting measures

Flash point : > 100°C  
 Fire-fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.  
 Dike liquid for later disposal.  
 No specific hazard.

Special protective equipment : 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

Personal precautions : Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Do not allow to enter drains or watercourses.  
 Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  
 Methods for cleaning up : If emergency personnel are unavailable, contain spilled material For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

## Section 7. Handling and storage

Handling : Wash thoroughly after handling.  
 Storage : Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, well-ventilated area.  
 Do not store above 50°C

## Section 8. Exposure controls, personal protection

Engineering controls : Good general ventilation should be sufficient to control airborne levels.

### 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 : A respirator is not needed under normal and intended conditions of product use.  
 Consult local authorities for acceptable exposure limits.

## Section 9. Physical and chemical properties

Physical state : Liquid. (Liquid.)  
 Color : Green (Dark.)  
 Odor : Odorless.  
 pH : 7 (100%)  
 Specific gravity : 1.033 (Water = 1)

## Section 10. Stability and reactivity

Stability : The product is stable.

## Section 11. Toxicological information

### Potential acute health effects

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.

### Potential chronic health effects

## Section 12. Ecological information

Products of degradation : These products are carbon oxides (CO, CO<sub>2</sub>) and water.

### Section 13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements

Consult your local or regional authorities.

### Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
DOT Classification regulated	-	-	-	-	Not available.

### APPLIES ONLY DURING ROAD TRANSPORT

Any variation of the shipping description based on the packaging is not addressed.

### Section 15. Regulatory information

HCS Classification : Not regulated.  
 U.S. Federal regulations : SARA 302/304/311/312 extremely hazardous substances: No products were found  
 SARA 302/304 emergency planning and notification: No products were found.  
 TSCA 8(b) inventory : All materials are listed or exempt  
 California Prop. 65 : No products were found

### Section 16. Other information

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

Fire hazard	0
Reactivity	0
Personal protection	-

Date of issue : 04-August-2006.  
 Responsible name : Regulatory Affairs  
 Date of previous issue : No previous validation.  
 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 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.