

# Material Safety Data Sheet

**ECOLAB**

AIRKEM THICKENED NON-ACID BOWL/BATHROOM CLEANER

## Section 1. Chemical product and company identification

Trade name : AIRKEM THICKENED NON-ACID BOWL/BATHROOM CLEANER  
Product use : Cleaner and disinfectant  
Supplier : Ecolab Inc. Professional Products Division  
370 N. Wabasha St.  
St. Paul, MN 55102  
1-800-247-5362

Code : 984146  
Date of issue : 03-May-2006  
EPA Registration No. : 8155-5-42964

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	CAS number	% by weight
propan-2-ol	67-63-0	1
acetic acid, (ethylenedinitrilo)tetra-, tetrasodium salt	64-02-8	1 - 5
1-methoxy-2-propanol	107-98-2	1 - 5
quaternary ammonium compounds, benzyl-c-12-18-alkyl(dimethyl, chlorides	68391-01-5	.105
quaternary ammonium compounds, c-12-18-alkyl((ethoxyphenyl)methyl)(dimethyl, chlorides	68956-79-6	.105

## Section 3. Hazards identification

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

MAY CAUSE RESPIRATORY TRACT AND EYE IRRITATION.  
Repeated or prolonged contact with irritants may cause dermatitis.  
COMBUSTIBLE LIQUID AND VAPOR.  
VAPOR MAY CAUSE FIRE.

HARMFUL IF ABSORBED THROUGH SKIN OR IF INHALED.  
Avoid contact with eyes. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

**Potential acute health effects**  
Eyes : Moderately irritating to eyes.  
Skin : Slightly irritating to the skin.  
Inhalation : Moderately irritating to the respiratory system.  
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 persists.  
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.

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## Section 5. Fire fighting measures

Flash point : 65.5556 °C (Closed cup)  
Fire-fighting media and instructions : In case of fire, use water spray (fog), foam, dry chemical, or CO<sub>2</sub>.

Dike liquid for later disposal.  
Combustible liquid and vapor.  
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) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate 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 : Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Do not add water directly to product. Slowly stir product into water. Keep away from heat, sparks and flame. To avoid fire, minimize ignition sources. Wash thoroughly after handling.  
Storage : Keep out of the reach of children. Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).  
Store between 0 and 40 °C

## Section 8. Exposure controls, personal protection

Engineering controls : Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

### Personal protection

Eyes : Eye protection recommended.  
Hands : Use chemical-resistant, impervious gloves.  
Skin : No protective equipment is needed under normal use conditions.  
Respiratory : Avoid breathing vapors, spray or mists.

### Exposure limits

ACGIH TLV (United States, 1/2005).  
STEL: 553 mg/m<sup>3</sup> 15 minute/minutes. Form: All forms  
STEL: 150 ppm 15 minute/minutes. Form: All forms  
TWA: 369 mg/m<sup>3</sup> 8 hour/hours. Form: All forms  
TWA: 100 ppm 8 hour/hours. Form: All forms  
ACGIH TLV (United States, 1/2005).  
STEL: 400 ppm 15 minute/minutes. Form: All forms  
TWA: 200 ppm 8 hour/hours. Form: All forms  
OSHA PEL (United States, 8/1997).  
TWA: 980 mg/m<sup>3</sup> 8 hour/hours. Form: All forms  
TWA: 400 ppm 8 hour/hours. Form: All forms

Name  
1-methoxy-2-propanol

propan-2-ol

**Section 9. Physical and chemical properties**

Physical state : Liquid. (Liquid.)  
 Color : Blue. (Dark.)  
 Odor : Floral.  
 pH : 12.3 (100%)  
 Specific gravity : 1.01 (Water = 1)  
 Solubility : Easily soluble in cold water, hot water.

**Section 10. Stability and reactivity**

Stability : The product is stable.  
 Reactivity : Reactive with acids.

**Section 11. Toxicological information****Potential acute health effects**

Eyes : Moderately irritating to eyes.  
 Skin : Slightly irritating to the skin.  
 Inhalation : Moderately irritating to the respiratory system.  
 Ingestion : No known significant effects or critical hazards.  
 Chronic effects on humans : Contains material which causes damage to the following organs: blood, kidneys, liver, lymphatic system, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

**Section 12. Ecological information**

Products of degradation : These products are carbon oxides (CO, CO<sub>2</sub>) and water, nitrogen oxides (NO, NO<sub>2</sub> etc.). Some metallic oxides.

**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.	-	-	-	-	-

**Section 15. Regulatory information**

APPLIES ONLY DURING ROAD TRANSPORT  
 Any variation of the shipping description based on the packaging is not addressed.

HCS Classification : Combustible liquid  
 Irritating material  
 Target organ effects : SARA 302/304/311/312 extremely hazardous substances: No products were found.  
 U.S. Federal regulations : 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.  
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**Section 16. Other information**

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

Health	1
Fire hazard	2
Reactivity	0
Personal protection	B

Date of issue : 03-May-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 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.