Material Safety Data Sheet



RINSE DRY

Section 1. Chemical product and company identification

RINSE DRY Trade name Product use : Rinse Additive Supplier Ecolab Co.

> 5105 Tomken Road Mississauga ON L4W 2X5

1-800-352-5326

Code : 913590 Date of issue 30-June-2009

> **EMERGENCY HEALTH INFORMATION: 1-800-328-0026** Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Hazards identification

Physical state : Liquid. [Liquid.] **Emergency** : CAUTION!

overview

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep container

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

Routes of entry : Skin contact, Eve contact, Inhalation, Ingestion

Potential acute health effects

Eves : Moderately irritating to 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 3. Composition/information on ingredients

CAS number % by weight **Name** alcohols, c10-16, ethoxylated 68002-97-1 3 - 7

Section 4. First-aid measures

: In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and Eye contact

flush again. Get medical attention if irritation persists.

: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing Skin contact

and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean

shoes thoroughly before reuse.

Inhalation : If inhaled, remove to fresh air.

: Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation Ingestion

persists, get medical attention.

Section 5. Fire-fighting measures

Auto-ignition temperature : Not available. Flash point : > 100°C Flammable limits : Not available.

Hazardous thermal : Decomposition products may include the following materials:

carbon dioxide decomposition products

carbon monoxide

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Fire-fighting media and instructions

: Use an extinguishing agent suitable for the surrounding fire.

Dyke 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

Risk of explosion of the product in the presence of mechanical impact: Not available. Risk of explosion of the product in the presence of static discharge: Not available.

Section 6. Accidental release measures

Personal precautions

: Use suitable protective equipment (section 8). Do not allow to enter drains or watercourses.

Environmental precautions

: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

: 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, dyke spilt material or otherwise contain it to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

Section 7. Handling and storage

Handling

: Avoid contact with eyes. Wash thoroughly after handling.

Storage

: Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed.

Do not store above the following temperature: 50°C

Section 8. Exposure controls/personal protection

Engineering measures

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

Personal protection:

Eyes: Eye protection recommended.

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.]
Colour : Green. [Light]
Odour : Faint odour.

pH : 2.701 [Conc. (% w/w): 100%]

Boiling/condensation point : Not available. Melting/freezing point : Not available. Relative density 1.0153 Vapour pressure : Not available. Vapour density : Not available. Odour threshold : Not available. **Evaporation rate** : Not available. LogK_{ow} : Not available.

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Section 10. Stability and reactivity

Stability

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

polymerisation will not occur.

Conditions of instability

Reactivity

Not available. : Not available.

Hazardous decomposition

products

Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

Hazardous polymerisation

: Under normal conditions of storage and use, hazardous polymerisation will not

Section 11. Toxicological information

Potential acute health effects

: Moderately irritating to eyes. **Eyes** Skin : Slightly irritating to the skin.

: No known significant effects or critical hazards. Inhalation : No known significant effects or critical hazards. Ingestion

Potential chronic health effects

Carcinogenic effects **Mutagenic effects** Teratogenic effects Reproductive effects Sensitization to Product Synergistic products (toxicologically)

: No known significant effects or critical hazards. : No known significant effects or critical hazards.

: Not available.

Toxicity data Not applicable.

Target organs : Not available.

Section 12. Ecological information

Ecotoxicity

Ingredient name Species Period Result alcohols, c10-16, ethoxylated 72 hours Acute IC50 <1 ma/L Algae Acute LC50 1 to 10 Fish 96 hours mg/L

Section 13. Disposal considerations

Waste disposal

The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt 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

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.

UN Classification Not regulated.

See shipping documents for specific transportation information.

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Section 15. Regulatory information

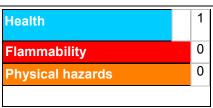
WHMIS: Class D-2B: Material causing other toxic effects (Toxic).

Canada inventory : All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

Section 16. Other information

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



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Responsible name : Regulatory Affairs 1-800-352-5326

Date of previous issue : 11-August-2006.

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.