

Material Safety Data Sheet

ECOLAB

SOLID INSURE - Use Solution (.47oz/gal)

Section 1. Chemical product and company identification

Trade name : SOLID INSURE - Use Solution (.47oz/gal)
Product use : Machine Warewashing Detergent
Supplier : Ecolab Inc. Institutional Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-352-5326

Code : ut951608

Date of issue 18-August-2008

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

To the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, according to local regulations.

Section 3. Hazards identification

Physical state : Liquid.
Emergency : CAUTION !
overview No specific hazard.

No specific hazard.

Potential acute health effects

Eyes : No known significant effects or critical hazards.
Skin : No known significant effects or critical hazards.
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 plenty of water. Remove contact lenses and flush again. Get medical attention if irritation occurs.
Skin contact : In case of contact, immediately flush 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
Hazardous thermal : No specific data.
decomposition products
Fire-fighting media and : Use an extinguishing agent suitable for the surrounding fire.
instructions

Dike area of fire to prevent runoff.

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

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 spilled 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, dike spilled material or otherwise contain it 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 reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed.

Section 8. Exposure controls/personal protection

- 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** : 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.
- Color** : Blue. [Light]
- Odor** : Odorless.
- pH** : 12.2
- Relative density** : 1

Section 10. Stability and reactivity

- 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.

Section 11. Toxicological information

Potential acute health effects

- Eyes** : No known significant effects or critical hazards.
- Skin** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Section 12. Ecological information

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

See shipping documents for specific transportation information.

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 components are listed or exempted.

California Prop. 65 : No products were found.

Section 16. Other information

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

Health	0
Flammability	0
Physical hazards	0

Date of issue : 18-August-2008.

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.