

Material Safety Data Sheet



WASH N WALK NO-RINSE FLOOR CLEANER

Section 1. Chemical product and company identification

Trade name : WASH N WALK NO-RINSE FLOOR CLEANER
Product use : Floor Cleaner
Supplier : Ecolab Inc. Institutional Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-352-5326
Code : 910179-01
Date of issue : 26-March-2010

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 overview : CAUTION !

MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

Potential acute health effects

Eyes : Moderately irritating to eyes.
Skin : Moderately 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 3. Composition/information on ingredients

| <u>Name</u> | <u>CAS number</u> | <u>% by weight</u> |
|--|---------------------|--------------------|
| Proprietary | NJ 0109101790404 | 9.7 |
| boric acid (h3bo3), compd. with 2-aminoethanol | 26038-87-9 | 5 - 20 |
| glycerin | 56-81-5 | 1 - 5 |
| alcohols, c12-16, ethoxylated | 68551-12-2 | 1 - 5 |
| xylenesulfonic acid, sodium salt | 1300-72-7 | 1 - 5 |
| amines, coco alkylidimethyl, n-oxides | 61788-90-7 | 1 - 5 |
| lipase, triacylglycerol | 9001-62-1 | <1.0 |

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 persists.
Skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Wash clothing before reuse. Clean shoes thoroughly 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
Product does not support combustion.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides
metal oxide/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.

Section 6. Accidental release measures

- 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** : Absorb with an inert material. Use a water rinse for final clean-up.

Section 7. Handling and storage

- Handling** : Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray or mists. Keep container closed. Use only with adequate ventilation. 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: 35°C

Section 8. Exposure controls/personal protection

- Engineering measures** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal protection :

- Eyes** : Eye protection recommended.
- Hands** : For prolonged or repeated handling, use the following type of gloves: Impervious gloves.
- Skin** : No protective equipment is needed under normal use conditions.
- Respiratory** : Avoid breathing vapors, spray or mists.

Name

GLYCERIN

Exposure limits

ACGIH TLV (United States, 1/2009).

TWA: 10 mg/m³ 8 hour(s). Form: Mist

OSHA PEL (United States, 11/2006).

TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction

TWA: 15 mg/m³ 8 hour(s). Form: Total dust

Section 9. Physical and chemical properties

| | |
|-----------------------------------|--|
| Physical state | : Liquid. [Liquid.] |
| Color | : Green. |
| Odor | : Fragrance-like. |
| pH | : 0 to 9.15 [Conc. (% w/w): 100%] |
| Boiling/condensation point | : >100°C (>212°F) |
| Relative density | : 1.071 |
| Dispersibility properties | : Easily dispersible in the following materials: cold water and hot water. |
| Solubility | : Easily soluble in the following materials: cold water and hot water. |

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 | : Moderately irritating to eyes. |
| Skin | : Moderately irritating to the skin. |
| Inhalation | : Moderately irritating to the respiratory system. |
| Ingestion | : No known significant effects or critical hazards. |

Potential chronic health effects

| | |
|-----------------------------|--|
| Reproductive effects | : Contains material which may cause reproductive effects based on animal data. |
|-----------------------------|--|

Other adverse effects

| | |
|----------------------|---|
| Target organs | : Contains material which may cause damage to the following organs: kidneys, upper respiratory tract. |
|----------------------|---|

Section 12. Ecological information

| | |
|-------------------------|----------------|
| Ecotoxicity data | : Not reported |
|-------------------------|----------------|

Section 13. Disposal considerations

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|-----------------------|--|
| Waste disposal | : Diluted product can be flushed to sanitary sewer. Discard empty container in trash. |
|-----------------------|--|

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.

Section 15. Regulatory information

HCS Classification : Irritating material
Target organ effects

U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

California Prop. 65 : No products were found.

Section 16. Other information

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

| | | |
|------------------|---|---|
| Health | * | 1 |
| Flammability | | 0 |
| Physical hazards | | 0 |
| | | |

Date of issue : 26-March-2010.

Responsible name : Regulatory Affairs

Date of previous issue : 28-January-2008.

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.**