



## SAFETY DATA SHEET FLOOR CLEAN HD

### SECTION 1: IDENTIFICATION

Product Name: Floor Clean HD  
Product Code: K65  
Product Use: Cleaner  
Manufacturer's Name: E-ZOIL Products, Inc.  
Address: 234 Fillmore Avenue  
Address: Tonawanda, NY 14150 USA  
Business Phone: 855-693-9645  
Emergency Phone: 800-633-8253 PERS  
Date of Preparation: February 1, 2020  
Date of Last Revision: February 1, 2020  
Regulatory Standard: CFR29 1910.1200 HazCom 2012

### SECTION 2: HAZARDS IDENTIFICATION

GHS-US classification  
Skin Irritation 1 sub-category C  
Serious Eye Damage 1

Hazard pictograms (GHS-US):



Signal word (GHS-US): Danger

Hazard statements (GHS-US): Causes severe skin burns and eye damage.

Precautionary statements (GHS-US): Do not breathe dusts or mists. Wash hands thoroughly after handling. Wear protective gloves, protective clothing/eye protection/face protection. If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Store locked up. Dispose of contents/container in accordance with local, regional, national and international regulations.

Other Hazards: Harmful to aquatic life with long lasting effects.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Name                             | CAS Number | %    |
|----------------------------------|------------|------|
| Glycol Ether EB                  | 111-76-2   | < 10 |
| Potassium hydroxide              | 1310-58-3  | < 5  |
| Sodium metasilicate pentahydrate | 10213-79-3 | < 5  |

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

## **SECTION 4: FIRST AID MEASURES**

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|  |   |
|--|---|
| First-aid measures after inhalation:   | If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.  |
| First-aid measures after skin contact: | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical advice/attention.                    |
| First-aid measures after eye contact:  | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.                      |
| First-aid measures after ingestion:    | If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth. Get immediate medical advice/attention. |

### **Most important symptoms and effects, both acute and delayed:**

|                                       |  |
|---------------------------------------|--|
| Symptoms/injuries after skin contact: | Causes severe skin burns. Symptoms may include redness, edema, drying, defatting and cracking of the skin.   |
| Symptoms/injuries after eye contact:  | Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns. |
| Symptoms/injuries after ingestion:    | May be harmful if swallowed. May cause stomach distress, nausea or vomiting.   |

### **Indication of any immediate medical attention and special treatment needed:**

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## **SECTION 5: FIRE FIGHTING MEASURES**

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|                                 |   |
|---------------------------------|---|
| Suitable extinguishing media:   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.   |
| Unsuitable extinguishing media: | None known.   |
| Fire hazard:                    | Hazardous decomposition: No hazardous decomposition data available.   |
| Protection during firefighting: | Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire-exposed containers cool. |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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- General measures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
- For containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning up: Keep in suitable, closed containers for disposal.
- See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

## SECTION 7: HANDLING AND STORAGE

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- Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling.
- Hygiene measures: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.
- Storage conditions: Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep locked up and out of reach of children. Store away from incompatible materials.
- Storage temperature: 39 - 120 °F

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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| <b>Potassium hydroxide 1310-58-3</b> |  |
|--------------------------------------|--|
| ACGIH                                | Ceiling: 2 mg/m <sup>3</sup>           |
| OSHA                                 | (vacated) Ceiling: 2 mg/m <sup>3</sup> |

  

| <b>Sodium metasilicate pentahydrate 10213-79-3</b> |  |
|--|--|
| ACGIH  | Not applicable   |
| OSHA   | 15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction) |

- Appropriate engineering controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
- Hand protection: Wear chemically resistant protective gloves.
- Eye protection: Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) / face (face shield) protection.
- Skin and body protection: Wear suitable protective clothing, including appropriate boots, boot covers, overshoes, etc., as may be appropriate.
- Respiratory protection: None necessary under normal conditions of use.

Environmental exposure controls: Maintain levels below community environmental protection thresholds.

Other information: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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|   |                   |
|---|-------------------|
| Physical state:                         | Liquid            |
| Appearance:                             | No data available |
| Color:                                  | Clear             |
| Odor:                                   | None              |
| Odor threshold:                         | No data available |
| pH:                                     | No data available |
| Melting point:                          | No data available |
| Freezing point:                         | No data available |
| Boiling point:                          | No data available |
| Flash point:                            | No data available |
| Relative evaporation rate:              | No data available |
| Flammability (solid, gas):              | No data available |
| Explosive limits:                       | No data available |
| Explosive properties:                   | No data available |
| Oxidizing properties:                   | No data available |
| Vapor pressure:                         | No data available |
| Relative density:                       | No data available |
| Relative vapor density at 20 °C:        | No data available |
| Solubility:                             | No data available |
| Partition coefficient: n-octanol/water: | No data available |
| Log Kow:                                | No data available |
| Auto-ignition temperature:              | No data available |
| Decomposition temperature:              | No data available |
| Viscosity:                              | No data available |
| Viscosity, kinematic:                   | No data available |
| Viscosity, dynamic:                     | No data available |

## **SECTION 10: STABILITY AND REACTIVITY**

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Reactivity: No dangerous reaction known under conditions of normal use.

Chemical Stability: Stable under normal storage conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Heat. Incompatible materials.

Incompatible materials: Acids

Hazardous decomposition products: None known based on information supplied.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

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Acute toxicity: Harmful if swallowed.

| Ingredient                                  | Oral LD50, mg/kg   |
|---|--------------------|
| Sodium metasilicate pentahydrate 10213-79-3 | Rat<br>= 847 mg/kg |
| Potassium hydroxide 1310-58-3               | Rat<br>= 284 mg/kg |

Skin corrosion/irritation: Causes severe skin burns.

Serious eye damage/irritation: Causes severe eye damage.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms/injuries after skin contact: Causes irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact: Causes eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

## SECTION 12: ECOLOGICAL INFORMATION

Ecology - general: Harmful to aquatic life with long lasting effects.

| Ingredient                       | 96 hr LC 50fish, mg/l                                | 48 hr EC50 crustacea, mg/l | Employer C50 algae, mg/l |
|----------------------------------|--|----------------------------|--------------------------|
| Potassium hydroxide<br>1310-58-3 | 80: 96 h <i>Gambusia affinis</i><br>mg/L LC50 static | No data available          | No data available        |

### Persistence and Degradability

Not determined.

### Bioaccumulative Potential

Not determined.

### Mobility in Soil

| Chemical Name                    | Partition Coefficient |
|----------------------------------|-----------------------|
| Glycol Ether EB<br>111-76-2      | 0.81                  |
| Potassium hydroxide<br>1310-58-3 | 0.65<br>0.83          |

Other adverse effects: Effect on the global warming – No known ecological damage caused by this product.

## SECTION 13: DISPOSAL CONSIDERATIONS

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Waste disposal recommendations: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

### California Hazardous Waste Status

| Chemical Name                    | California Hazardous Waste Status |
|----------------------------------|-----------------------------------|
| Potassium hydroxide<br>1310-58-3 | Toxic, Corrosive                  |

## SECTION 14: TRANSPORT INFORMATION

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### DOT

UN number: UN3266

Proper Shipping Name (DOT): Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide, Sodium metasilicate)

Transport hazard class(es) (DOT): 8

Hazard labels (DOT):



Packing group (DOT): III

May be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass. Until December 31, 2020, a limited quantity package may be renamed as 'Consumer commodity' and reclassified as ORM-D, when shipping by ground within the United States. Refer to 49 CFR Section 173.154.

### IATA

UN/ID No: UN3266

Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide, Sodium metasilicate)

Hazard Class: 8

Packing Group: III

### IMDG

UN/ID No: UN3266

Proper Shipping Name: Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide, Sodium metasilicate)

Hazard Class: 8

Packing Group: III

Marine Pollutant: This material may meet the definition of a marine pollutant

## SECTION 15: REGULATORY INFORMATION

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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

### Federal Regulations

#### CERCLA

| Chemical Name                    | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|----------------------------------|--------------------------|----------------|--|
| Potassium hydroxide<br>1310-58-3 | 1000 lb.                 |                | RQ 1000 lb. final RQ<br>RQ 454 kg final RQ |

#### SARA 313

Not determined

#### CWA (Clean Water Act)

| Chemical Name       | Reportable Quantities | Toxic Pollutants | Priority Pollutants | Hazardous Substances |
|---------------------|-----------------------|------------------|---------------------|----------------------|
| Potassium hydroxide | 1000 lb.              |                  |                     | X                    |

### State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

| Chemical Name                    | Massachusetts | New Jersey | Pennsylvania |
|----------------------------------|---------------|------------|--------------|
| Potassium hydroxide<br>1310-58-3 | X             | X          | X            |

## SECTION 16: OTHER INFORMATION

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Other information: None.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.