



# Material Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**Product name**            **Hardwood & Laminate Floor Cleaner (DFE)**  
**Product code**            **ZUHLF**  
**Date of issue**            **04/08/09**            **Supersedes**

### Emergency Telephone Numbers

**For MSDS Information:**  
 Compliance Services 404-352-1680

**For Medical Emergency**  
 (877) 541-2016 Toll Free - All Calls Recorded

**For Transportation Emergency**  
 CHEMTREC: (800) 424-9300 - All Calls Recorded  
 In the District of Columbia (202) 483-7616

**Prepared By**  
 Compliance Services  
 1420 Seaboard Industrial Blvd.  
 Atlanta, GA 30318

## Section 2. Hazards Identification

### Emergency overview

**CAUTION**

\*Hazard Determination System (HDS): Health, Flammability, Reactivity

CAUSES EYE IRRITATION.



**NOTE:** MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

### Acute Effects

### Routes of Entry

Dermal contact. Eye contact.

**Eyes**            Direct contact may cause irritation and redness. Inflammation of the eye is characterized by redness, watering and itching.

**Skin**            Prolonged or repeated contact may dry skin and cause irritation.

**Inhalation**    No known acute effects of this product resulting from inhalation.

**Ingestion**    Not harmful if accidentally ingested in small quantities. Large quantities may cause nausea or upset stomach.

**Chronic effects**            No known chronic effects from exposure.

**Carcinogenicity**    Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Additional Information: See Toxicological Information (Section 11)**

## Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS number	% by Weight
DIPROPYLENE GLYCOL N-PROPYL ETHER; 2-propanol, 1-(1-methyl-2-propoxyethoxy)	29911-27-1	1 - 5

## Section 4. First Aid Measures

**Eye Contact**            Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

**Skin Contact**            Rinse with plenty of running water. If irritation persists, get medical attention.

**Inhalation**            No adverse health effects anticipated from the solution with normal exposure.

**Ingestion**            If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

## Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)

**Flash Point**            None.

**Flammable Limits**    Not applicable.

**Flammability**            Non-flammable.

**Fire hazard**            No specific hazard.

**Fire-Fighting Procedures**    Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.



**Section 6. Accidental Release Measures**

**Spill Clean up** Hazard of slipping on spilled product. Absorb with an inert material and place in an appropriate waste disposal container.

**Section 7. Handling and Storage**

**Handling** Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes. Wash thoroughly after handling.

**Storage** Keep container tightly closed and sealed until ready for use. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

**Section 8. Exposure Controls/Personal Protection****Product name****Exposure limits**

No exposure limit value known.

**Personal Protective Equipment (PPE)**

**Eyes** Safety glasses with side-shields



**Body** For prolonged or repeated handling, use the following type of gloves: latex rubber or nitrile gloves.

**Respiratory** Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

**Section 9. Physical and Chemical Properties**

**Physical State** Thin liquid

**pH** 8.5 - 9.0

**Boiling Point** 100°C (212°F)

**Specific Gravity** 0.99

**Solubility** Soluble in water in any proportion.

**Color** Clear. Colorless.

**Odor** Pleasant. Lemon-lime.

**Vapor Pressure** Not determined.

**Vapor Density** Not determined.

**Evaporation Rate** 1 compared with Water

**VOC (Consumer)** 0 (g/l).

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.

**Incompatibility** None known.

**Hazardous Polymerization** Will not occur.

**Hazardous Decomposition Products** carbon oxides (CO, CO<sub>2</sub>)

**Section 11. Toxicological Information****Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Dipropylene Glycol N-propyl Ether	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-
	LD50 Oral	Rat	>1500 mg/kg	-

**Section 12. Ecological Information**

**Environmental Effects** No known significant effects or critical hazards.

**Aquatic Ecotoxicity**


Not available.

**Section 13. Disposal Considerations****Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

**Waste Stream** Classification: - [Non-hazardous waste]

**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
<b>DOT Classification</b>	Not regulated.	None.	Not a DOT controlled material (United States).	-	
<b>TDG Classification</b>	Not regulated.	Not a TDG-controlled material.			
<b>IMDG Class</b>	Not determined.	Not available.	Not determined.	-	

**NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.**

PG\* : Packing group

**Section 15. Regulatory Information****U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

No products were found.

**Clean Water Act (CWA) 307:** No products were found.

**Clean Water Act (CWA) 311:** No products were found.

**Clean Air Act (CAA) 112 regulated toxic substances:** No products were found.

[All Components of this product are listed or exempt from listing on TSCA Inventory.](#)

**State Regulations****California Prop 65**

California Prop. 65: No products were found.

**Canada****WHMIS (Canada)**

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

**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

\*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.