SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name: BZ7599 ZC NEUTRL FLOOR CL ZUNEUT128 4/1G
Material number: 00000000001041696

Manufacturer or supplier’s details
Company: Zep Inc.
Address: 1310 Seaboard Industrial Blvd., NW
Atlanta, GA 30318
Telephone: 404-352-1680

Emergency telephone numbers
For SDS Information: Compliance Services 1-877-428-9937
For a Medical Emergency: 877-541-2016 Toll Free - All Calls Recorded

Recommended use of the chemical and restrictions on use
Recommended use: Floor Care

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview
Appearance: liquid
Colour: green
Odour: pleasant

GHS Classification
Not a hazardous substance or mixture.

GHS label elements
Not a hazardous substance or mixture.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Hazardous components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration [%]</th>
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<tbody>
<tr>
<td>Alcohols, C10-14, ethoxylated</td>
<td>66455-15-0</td>
<td>&gt;= 1 - &lt; 5</td>
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<tr>
<td>1-(1-methyl-2-propoxyethoxy)propan-2-ol</td>
<td>29911-27-1</td>
<td>&gt;= 1 - &lt; 5</td>
</tr>
</tbody>
</table>

The exact percentages of disclosed substances are withheld as trade secrets.

SECTION 4. FIRST AID MEASURES
### General advice:
- Do not leave the victim unattended.
- Move out of dangerous area.
- Show this safety data sheet to the doctor in attendance.

### If inhaled:
- If unconscious place in recovery position and seek medical advice.
- If symptoms persist, call a physician.

### In case of skin contact:
- If skin irritation persists, call a physician.
- Wash off immediately with plenty of water for at least 15 minutes.
- Remove contaminated clothing and shoes.
- Wash contaminated clothing before reuse.

### In case of eye contact:
- Remove contact lenses.
- Protect unharmed eye.
- If eye irritation persists, consult a specialist.
- Rinse immediately with plenty of water for at least 15 minutes.
- Keep eye wide open while rinsing.

### If swallowed:
- Keep respiratory tract clear.
- Never give anything by mouth to an unconscious person.
- If symptoms persist, call a physician.
- DO NOT induce vomiting unless directed to do so by a physician or poison control center.
- Take victim immediately to hospital.

### Most important symptoms and effects, both acute and delayed:
- Effects may be delayed, symptoms may include minor eye or skin irritation.
- Overexposure may cause mild eye or skin irritation.

### Notes to physician:
- Treat symptomatically. Symptoms may be delayed.

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### SECTION 5. FIREFIGHTING MEASURES

**Suitable extinguishing media**: Dry chemical
- Carbon dioxide (CO2)
- Alcohol-resistant foam
- Water spray jet

**Unsuitable extinguishing media**: High volume water jet

**Specific hazards during firefighting**: Do not allow run-off from fire fighting to enter drains or water courses.

**Hazardous combustion products**: Carbon dioxide (CO2)
- Carbon monoxide
- Smoke

**Specific extinguishing methods**: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Further information**: Standard procedure for chemical fires.

**Special protective equipment**: Wear self-contained breathing apparatus for firefighting if
SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
- Use personal protective equipment.

Environmental precautions:
- Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up:
- Wipe up with absorbent material (e.g. cloth, fleece).
- Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling:
- Avoid contact with skin and eyes.
- For personal protection see section 8.
- Smoking, eating and drinking should be prohibited in the application area.
- Dispose of rinse water in accordance with local and national regulations.
- Avoid exposure - obtain special instructions before use.
- Do not breathe vapours or spray mist.
- Take precautionary measures against static discharges.
- Provide sufficient air exchange and/or exhaust in work rooms.

Conditions for safe storage:
- Keep container tightly closed in a dry and well-ventilated place.
- Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid:
- Keep away from oxidizing agents and strongly acid or alkaline materials.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters:
Contains no substances with occupational exposure limit values.

Engineering measures:
- Effective ventilation in all processing areas

Personal protective equipment:
Respiratory protection:
- In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection:
Material:
- Protective gloves
Remarks:
- The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection: Safety glasses
Skin and body protection: Impervious clothing
Hygiene measures: When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: liquid
Colour: green
Odour: pleasant
Odour Threshold: No data available
pH: 7.5 - 8.5
Melting point/freezing point: No data available
Boiling point: 100 °C
Flash point: does not flash
Evaporation rate: 1
Upper explosion limit: No data available
Lower explosion limit: No data available
Vapour pressure: not determined
Relative vapour density: No data available
Density: 1.03 g/cm³
Solubility(ies)
Water solubility: soluble
Partition coefficient: n-octanol/water: No data available
Auto-ignition temperature: not determined
Thermal decomposition: No data available
Viscosity
Viscosity, kinematic: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Stable
Chemical stability: Stable under normal conditions.
Possibility of hazardous reactions: No decomposition if stored and applied as directed.
Conditions to avoid: No data available
Incompatible materials: Acids and bases
Oxidizing agents
Hazardous decomposition products: No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Aggravated Medical Condition: None known.
Symptoms of Overexposure: Effects may be delayed, symptoms may include minor eye or skin irritation.

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Acute toxicity: No data available
Skin corrosion/irritation
Product: Remarks: May irritate skin.

Serious eye damage/eye irritation
Product: Remarks: Contact with eyes may cause irritation.

Respiratory or skin sensitisation: No data available
Germ cell mutagenicity
SAFETY DATA SHEET

BZ7599 ZC NEUTRAL FLOOR CL ZUNEUT 128 4/1G

No data available

Carcinogenicity
No data available

Reproductive toxicity
No data available

Alcohols, C10-14, ethoxylated:
1-(1-methyl-2-propoxyethoxy)propan-2-ol:

STOT - single exposure
No data available

STOT - repeated exposure
No data available

Aspiration toxicity
No data available

Further information

Product:
Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity
No data available

Persistence and degradability
No data available

Bioaccumulative potential

Product:
Partition coefficient: n-octanol/water: Remarks: No data available
Components:
1-(1-methyl-2-propoxyethoxy)propan-2-ol: Powder: 7.7 n-octanol/water

Mobility in soil
No data available

Other adverse effects
No data available

Product:
Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I
Remarks
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information: No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues: Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with local regulations.

Contaminated packaging: Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IMDG (Vessel):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Cargo Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Passenger Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: TDG (Canada):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.
SECTION 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act
CERCLA Reportable Quantity
This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA On TSCA Inventory
DSL All components of this product are on the Canadian DSL

For information on the country notification status for other regions please contact the manufacturer’s regulatory group.

Inventory Acronym and Validity Area Legend:
TSCA (USA), DSL (Canada), NDSL (Canada)

SECTION 16. OTHER INFORMATION
Further information

**NFPA:**

- Health: 0
- Flammability: 0
- Instability: 0
- Special hazard: 0

**HMIS III:**

- HEALTH: 0
- FLAMMABILITY: 0
- PHYSICAL HAZARD: 0

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

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**OSHA - GHS Label Information:**

Not a hazardous substance or mixture.

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<th>1.1</th>
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<td>04/25/2017</td>
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<tr>
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<td>05/09/2017</td>
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