1 Identification

· Trade name: Clean

· Relevant identified uses of the substance or mixture and uses advised against
  No further relevant information available.

· Application of the substance / the mixture Cleaning materials for floors

· Details of the supplier of the safety data sheet
  Manufacturer/Supplier:
  Manufacturer:
PALLMANN GmbH
Im Kreuz 6
D-97076 Würzburg
Germany
Phone +49 931-27964-0
Fax +49 931-27964-50

Supplier:
UFLOOR Systems Inc.
14509 E. 33rd. Place, Unit G
Aurora, CO 80011
Phone: +720-374-4810
Toll-Free: +1 866-505-4810
Fax: +1 720-374-2113

· Information department:
  Products Development Lab
  E-Mail: msds.info@uzin-utz.com

· Emergency telephone number:
  For Chemical Emergency Spill Leak Fire Exposure or Accident
  Call CHEMTREC Day or Night: DOMESTIC NORTH AMERICA 800-424-9300
  International, call +49 621 60 43 333

2 Hazard(s) identification

· Classification of the substance or mixture
  The product is not classified according to the Globally Harmonized System (GHS).

· Label elements
  · GHS label elements Void
  · Hazard pictograms Void
  · Signal word Void
  · Hazard statements Void
  · NFPA ratings (scale 0 - 4)
    Health = 0
    Fire = 0
    Reactivity = 0

· HMIS-ratings (scale 0 - 4)
  HEALTH: Health = 0
  FIRE: Fire = 0
  REACTIVITY: Reactivity = 0

· Other hazards
  NFPA Rating Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe.
  NFPA is the National Fire Protection Association.
  HMIS Rating Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe.
  HMIS®, the Hazardous Materials Identification System, is a registered mark of the National Paint and
  Coatings Association (NPCA).
Trade name: Clean

<table>
<thead>
<tr>
<th>3 Composition/information on ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemical characterization:</strong> Mixtures</td>
</tr>
<tr>
<td><strong>Description:</strong> Water based cleaner</td>
</tr>
<tr>
<td><strong>Dangerous components:</strong></td>
</tr>
<tr>
<td>57-55-6 propane-1,2-diol</td>
</tr>
<tr>
<td>64-17-5 ethanol</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td><strong>Additional information:</strong> For the wording of the listed risk phrases refer to section 16.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4 First-aid measures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description of first aid measures</strong></td>
</tr>
<tr>
<td><strong>General information:</strong> No special measures required.</td>
</tr>
<tr>
<td><strong>After inhalation:</strong> Supply fresh air.</td>
</tr>
<tr>
<td><strong>After skin contact:</strong> Immediately wash with water and soap and rinse thoroughly.</td>
</tr>
<tr>
<td><strong>After eye contact:</strong> Rinse opened eye for several minutes under running water. Then consult a doctor.</td>
</tr>
<tr>
<td><strong>After swallowing:</strong> Do not induce vomiting; immediately call for medical help. Rinse out mouth and then drink plenty of water.</td>
</tr>
<tr>
<td><strong>Information for doctor:</strong></td>
</tr>
<tr>
<td>Most important symptoms and effects, both acute and delayed No further relevant information available.</td>
</tr>
<tr>
<td>Indication of any immediate medical attention and special treatment needed No further relevant information available.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5 Fire-fighting measures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Extinguishing media</strong></td>
</tr>
<tr>
<td><strong>Suitable extinguishing agents:</strong></td>
</tr>
<tr>
<td>CO₂ extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.</td>
</tr>
<tr>
<td>For safety reasons unsuitable extinguishing agents: Water with full jet</td>
</tr>
<tr>
<td><strong>Special hazards arising from the substance or mixture</strong> No further relevant information available.</td>
</tr>
<tr>
<td><strong>Advice for firefighters</strong></td>
</tr>
<tr>
<td><strong>Protective equipment:</strong> No special measures required.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6 Accidental release measures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Personal precautions, protective equipment and emergency procedures</strong> Not required.</td>
</tr>
<tr>
<td><strong>Environmental precautions:</strong> Do not allow to enter sewers/ surface or ground water. Do not allow to penetrate the ground/soil.</td>
</tr>
<tr>
<td><strong>Methods and material for containment and cleaning up:</strong> Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).</td>
</tr>
<tr>
<td><strong>Reference to other sections</strong> No dangerous substances are released. See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.</td>
</tr>
</tbody>
</table>
7 Handling and storage

- Handling:
- Precautions for safe handling
  Avoid contact with the eyes and skin.
  Wash hands before breaks and at the end of work.
- Information about protection against explosions and fires: No special measures required.

- Conditions for safe storage, including any incompatibilities
- Storage:
  - Requirements to be met by storerooms and receptacles: No special requirements.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions: Protect from frost.

- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters

Components with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Compound</th>
<th>WEEL Long-term</th>
<th>PEL Long-term</th>
<th>REL Long-term</th>
<th>TLV Short-term</th>
</tr>
</thead>
<tbody>
<tr>
<td>57-55-6 propane-1,2-diol</td>
<td>10 mg/m³</td>
<td>1900 mg/m³, 1000 ppm</td>
<td>1900 mg/m³, 1000 ppm</td>
<td>1880 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>64-17-5 ethanol</td>
<td></td>
<td></td>
<td></td>
<td>1880 mg/m³, 1000 ppm</td>
</tr>
</tbody>
</table>

- Exposure controls
- Personal protective equipment:
  - General protective and hygienic measures:
    The usual precautionary measures for handling chemicals should be followed.
    Avoid contact with the eyes and skin.
    Wash hands before breaks and at the end of work.
  - Breathing equipment: Not required.
- Protection of hands:
  - PVC or PE gloves

- Material of gloves PVC or PE gloves
- Penetration time of glove material
  The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Safety glasses

9 Physical and chemical properties

- Information on basic physical and chemical properties
- General Information
- Appearance:
  - Form: Fluid
**10 Stability and reactivity**

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: No dangerous reactions known.
- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

**11 Toxicological information**

- Information on toxicological effects
- Acute toxicity:
  - Specific symptoms in biological assay:
  - Primary route(s) of entry: Inhalation, skin contact, eye contact, ingestion.
- Primary irritant effect:
  - on the skin: No irritant effect.
  - on the eye: No irritant effect.

(Contd. on page 5)
Safety Data Sheet
acc. to OSHA HCS

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Version No. 3

Trade name: Clean

- Sensitization: No sensitizing effects known.
- Additional toxicological information:
  The product is not subject to classification according to internally approved calculation methods for preparations.
  When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- Carcinogenic categories
  - IARC (International Agency for Research on Cancer)
    None of the ingredients is listed.
  - NTP (National Toxicology Program)
    None of the ingredients is listed.
  - OSHA-Ca (Occupational Safety & Health Administration)
    None of the ingredients is listed.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability No further relevant information available.
  - Behavior in environmental systems:
    - Bioaccumulative potential No further relevant information available.
    - Mobility in soil No further relevant information available.
- Additional ecological information:
  - General notes:
    Do not allow product to reach ground water, water course or sewage system.
    The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
  - Results of PBT and vPvB assessment
    - PBT: Not applicable.
    - vPvB: Not applicable.
  - Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods
  - Recommendation:
    Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
  - Uncleaned packagings:
    - Recommendation:
      Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
    - Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

- DOT, ADR, ADN, IMDG, IATA Void
- UN proper shipping name -
- DOT, ADR, ADN, IMDG, IATA Void
### 15 Regulatory information

- **SARA (Superfund Amendments and Reauthorization Act)**
  - *Section 355 (extremely hazardous substances):*
    None of the ingredient is listed.
  - *Section 313 (Specific toxic chemical listings):*
    None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**
  - All ingredients are listed.
- **Proposition 65 (California)**
  - *Chemicals known to cause cancer:*
    None of the ingredients is listed.
  - *Chemicals known to cause reproductive toxicity for females:*
    None of the ingredients is listed.
  - *Chemicals known to cause reproductive toxicity for males:*
    None of the ingredients is listed.
  - *Chemicals known to cause developmental toxicity:*
    64-17-5 ethanol
- **EPA (Environmental Protection Agency)**
  - None of the ingredients is listed.
- **TLV (Threshold Limit Value established by ACGIH)**
  - 64-17-5 ethanol
    - A4
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
  - None of the ingredients is listed.
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
Trade name: Clean

- **Contact:**
  USA: Daniel Gill, phone + 1 720-374-4810
  Germany: Dr. Koette, Tel. +49 931.279.6425

- **Date of preparation / last revision** 06/03/2015 / 2

- **Abbreviations and acronyms:**
  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  ICAO: International Civil Aviation Organisation
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  NFPA: National Fire Protection Association (USA)
  HMIS: Hazardous Materials Identification System (USA)
  Flam. Liq. 2: Flammable liquids, Hazard Category 2

- * Data compared to the previous version altered.*