1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity: All Floor Surface Neutralizer & Conditioner
Alternate Names: Chemical Family: Acidic cleaner and neutralizer

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use / Application Method: See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name: Big 3 Packaging, LLC
4201 Torresdale Avenue
Philadelphia, PA 19124

Emergency

24 hour Emergency Telephone No.: 800-535-5053
Customer Service: Big 3 Packaging, LLC 215-743-4201

2. Hazard identification of the product

The hazard classification and label elements reflect the intrinsic properties of the concentrate product as supplied, which is sealed in a water soluble sachet. The sachet when intact provides a barrier to dermal and inhalation exposure under conditions of normal handling and use. The precautionary statements are applicable under conditions of potential exposure to the concentrate itself.

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2;H315: Causes skin irritation.
Eye Irrit. 2;H319: Causes serious eye irritation.

Classification according to 67/548/EEC or 1999/45/EC.

Xi: Irritant.
R36/38: Irritating to eyes and skin.
R67: Vapors may cause drowsiness and dizziness.
2.2. Label elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

According to Regulation (EC) No 1272/2008

Warning

H315 Causes skin irritation.
H319 Causes serious eye irritation.

[Prevention]:
P264 Wash thoroughly after handling.
P280 Wear protective gloves / eye protection / face protection.

[Response]:
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P321 Specific treatment (see information on this label).
P337+313 If eye irritation persists: Get medical advice / attention.
P362 Take off contaminated clothing and wash before reuse.

[Storage]:
No CLP storage statements

[Disposal]:
No CLP disposal statements
See Technical Data Sheet.

2.3. Other hazards
This product contains no PBT/vPvB chemicals.
3. Composition/information on ingredients

If the product contains substances that present a health hazard within the meaning of the Dangerous Substances Directive 67/548/EC, or have occupational exposure limits detailed in EH40, these substances are listed below.

<table>
<thead>
<tr>
<th>Ingredient/Chemical Designations</th>
<th>Weight %</th>
<th>67/548/EEC Classification*</th>
<th>EC No. 1272/2008 Classification*</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-methylpentane-2,4-diol</td>
<td>50 - 75</td>
<td>Xi;R36/38</td>
<td>Eye Irrit. 2;H319</td>
<td>[1][2]</td>
</tr>
<tr>
<td>CAS Number: 0000107-41-5</td>
<td></td>
<td></td>
<td>Skin Irrit. 2;H315</td>
<td></td>
</tr>
<tr>
<td>EC No.: 203-489-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Index No.: 603-053-00-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Citric acid</td>
<td>10 - 25</td>
<td>R36</td>
<td>Eye Irrit. 2;H319</td>
<td>[1]</td>
</tr>
<tr>
<td>CAS Number: 0000077-92-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC No.: 201-069-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Index No.:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>1.0 - 10</td>
<td>F;H11 Xi;R36 R67</td>
<td>Flam. Liq. 2;H225</td>
<td>[1][2]</td>
</tr>
<tr>
<td>CAS Number: 0000067-63-0</td>
<td></td>
<td></td>
<td>Eye Irrit. 2;H319</td>
<td></td>
</tr>
<tr>
<td>EC No.: 200-661-7</td>
<td></td>
<td></td>
<td>STOT SE 3;H336</td>
<td></td>
</tr>
<tr>
<td>Index No.: 603-117-00-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*CLP 31 Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1).

[1] Substance classified with a health or environmental hazard.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

**General**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation**

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

**Eyes**

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

**Skin**

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

**Ingestion**

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

**Overview**

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

**Eyes**

Causes serious eye irritation.

**Skin**

Causes skin irritation.
5. Fire-fighting measures

5.1. Extinguishing media
Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Do not use; water jet.

5.2. Special hazards arising from the substance or mixture
Hazardous decomposition: Oxides of Carbon

5.3. Advice for fire-fighters
Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.
ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions
Do not allow spills to enter drains or watercourses.
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up
Take the personal protective measures listed in section 8.
Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).
Do not allow spills to enter drains or watercourses.
If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

7. Handling and storage

7.1. Precautions for safe handling
See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities
Handle containers carefully to prevent damage and spillage.
Incompatible materials: Oxidizers or Reducing Agents
See section 2 for further details. - [Storage]:

7.3. Specific end use(s)
No data available.
8. Exposure controls and personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000067-63-0</td>
<td>Isopropyl Alcohol</td>
<td>OSHA</td>
<td>TWA 400 ppm (980 mg/m3) STEL 500 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>TWA: 200 ppm STEL: 400 ppm Revised 2003,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>TWA 400 ppm (980 mg/m3) ST 500 ppm (1225 mg/m3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
<tr>
<td>0000107-41-5</td>
<td>2-methylpentane-2,4-diol</td>
<td>OSHA</td>
<td>No Established Limit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH</td>
<td>Ceiling: 25 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIOSH</td>
<td>C 25 ppm (125 mg/m3)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supplier</td>
<td>No Established Limit</td>
</tr>
</tbody>
</table>

This product contains no known or suspected carcinogens (as defined by OSHA, NTP, and IARC), and is not believed to be carcinogenic.

8.2. Exposure controls

**Respiratory**
If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**Eyes**
Protective safety glasses recommended.

**Skin**
Wear overalls to keep skin contact to a minimum.

**Engineering Controls**
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices**
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

**Appearance**
Thin colorless Liquid

**Odor**
Bland

**Odor threshold**
Not Measured

**pH**
3.5 ± 0.5

**Melting point / freezing point**
Not Established

**Initial boiling point and boiling range**
212 F (100 C)

**Flash Point**
Not Applicable

**Evaporation rate (Ether = 1)**
Equal to Water

**Flammability (solid, gas)**
Not Applicable
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All Floor Surface Neutralizer & Conditioner
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Revision 2

Upper/lower flammability or explosive limits
Vapor pressure (Pa)
Vapor Density
Specific Gravity
Solubility in Water
Partition coefficient n-octanol/water (Log Kow)
Auto-ignition temperature
Decomposition temperature
Viscosity (cSt)
VOC %
Percent Volatiles (by weight)

Not Established
Not Established
Equal to Water
1.01 (on dilution ≈ 1.0)
Complete
Not Measured
Not Established
Not Established
Not Established
< 10 (on dilution < 1.0)

9.2. Other information
No other relevant information.

10. Stability and reactivity

10.1. Reactivity
Hazardous Polymerization will not occur.

10.2. Chemical stability
Stable under normal circumstances.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
Keep out of heat > 140F and cold < 30F.

10.5. Incompatible materials
Oxidizers or Reducing Agents

10.6. Hazardous decomposition products
Oxides of Carbon

11. Toxicological information

Acute toxicity
Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.
### Safety Data Sheet

All Floor Surface Neutralizer & Conditioner

SDS Revision Date: 05/20/2015

Revision 2

### Ingredient Data

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapor LD50, mg/L/4hr</th>
<th>Inhalation Mist LD50, mg/L/4hr</th>
<th>Inhalation Gas LD50, ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-methylpentane-2,4-diol - (107-41-5)</td>
<td>3,700.00, Rat - Category: 5</td>
<td>7,892.00, Rabbit - Category: NA</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Citric acid - (77-92-9)</td>
<td>11,700.00, Rat - Category: NA</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Isopropyl Alcohol - (67-63-0)</td>
<td>4,710.00, Rat - Category: 5</td>
<td>12,800.00, Rat - Category: NA</td>
<td>72.60, Rat - Category: NA</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Category</th>
<th>Hazard Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>2</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>2</td>
<td>Causes serious eye irritation.</td>
</tr>
</tbody>
</table>

### 12. Ecological information

#### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

**Aquatic Ecotoxicity**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>96 hr LC50 fish, mg/l</th>
<th>48 hr EC50 crustacea, mg/l</th>
<th>ErC50 algae, mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-methylpentane-2,4-diol - (107-41-5)</td>
<td>10,000.00, Lepomis macrochirus</td>
<td>2,800.00, Ceriodaphnia reticulata</td>
<td>Not Available</td>
</tr>
<tr>
<td>Citric acid - (77-92-9)</td>
<td>706.00, Fish (Piscis)</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Isopropyl Alcohol - (67-63-0)</td>
<td>1,400.00, Lepomis macrochirus</td>
<td>100.00, Daphnia magna</td>
<td>100.00 (72 hr), Scenedesmus subspicatus</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

There is no data available on the preparation itself.

#### 12.3. Bioaccumulative potential

Not Measured

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

#### 12.6. Other adverse effects

No data available.

### 13. Disposal considerations

#### 13.1. Waste treatment methods

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.
14. Transport information

<table>
<thead>
<tr>
<th>DOT</th>
<th>IMO/IMDG</th>
<th>ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1. UN number</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>14.2. UN proper ship. name</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es)</td>
<td>DOT Hazard Class: N/A</td>
<td>IMDG: Not Applicable</td>
</tr>
<tr>
<td></td>
<td>DOT Label: ---</td>
<td>Sub Class: Not Applicable</td>
</tr>
<tr>
<td>14.4. Packing group</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>14.5. Environmental hazards</td>
<td>IMDG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Marine Pollutant: No</td>
<td></td>
</tr>
<tr>
<td>14.6. Special precautions for user</td>
<td>No further information</td>
<td></td>
</tr>
<tr>
<td>14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</td>
<td>Not Applicable</td>
<td></td>
</tr>
</tbody>
</table>

15. Regulatory information

EU Legislation

National Legislation
None noted.

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:
H225 Highly flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness and dizziness.
R11 Highly flammable.
R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R67 Vapors may cause drowsiness and dizziness.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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