1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Swisher Floor Shock

Product code: 40027-1

UN/ID No: UN3264

Recommended Use: Floor Cleaner & Degreaser

2. HAZARDS IDENTIFICATION

Emergency Overview

This product contains substances which at their given concentration, are considered to be hazardous to health.

Appearance: Clear Thin Liquid

Physical state: liquid.

Odor: Mild

Potential Health Effects

Acute toxicity

- Eyes: Irritating to eyes
- Skin: Irritating to skin
- Inhalation: Causes irritation
- Ingestion: No known effect based on information supplied

Chronic Effects: No known effect based on information supplied

Aggravated Medical Conditions: None known.

Environmental hazard: See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>&lt; 10</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

Eye contact
Flush with flowing water for 15 minutes & see physician.

Skin contact
Wash with soap & water for 15 minutes. See physician if irritation persists.

Inhalation
Move to fresh air

Ingestion
Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY; NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Notes to physician
Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties
Not flammable

Flash point
none

Suitable Extinguishing Media
Use water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.

Explosion Data
Sensitivity to Mechanical Impact
none

Sensitivity to Static Discharge
none

Specific hazards arising from the chemical
Use water spray to cool adjacent fire exposed containers. Product will not burn but may splatter if temperature exceeds boiling point.

Protective Equipment and Precautions for Firefighters
Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOH approved or equivalent to maintain TLV.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Ensure adequate ventilation

Environmental precautions
Try to prevent the material from entering drains or water courses

Methods for Containment
Prevent further leakage or spillage if safe to do so

Methods for cleaning up
Mop up & flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.

7. HANDLING AND STORAGE

Advice on safe handling
KEEP OUT OF REACH OF CHILDREN CAUTION Do not get in eyes, on skin or on clothing

Technical measures/Storage conditions
Store upright in original closed container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Exposure Guidelines
Review Section 3 & 4 for Exposure Guidelines.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>STEL: 3 mg/m³</td>
<td>TWA: 1 mg/m³</td>
<td>IDLH: 1000 mg/m³</td>
</tr>
<tr>
<td>7664-38-2</td>
<td>TWA: 1 mg/m³ test</td>
<td>TWA: 1 mg/m³</td>
<td>TWA: 1 mg/m³</td>
</tr>
<tr>
<td></td>
<td>STEL: 3 mg/m³</td>
<td></td>
<td>STEL: 3 mg/m³</td>
</tr>
</tbody>
</table>

Engineering Measures
Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment
Institutional Environment

Eye/Face Protection
Safety glasses are suggested when using this product in heavy use and institutional environments.

Consumer Environments
Care should be taken to avoid Eye contact.

Skin and body protection
Rubber gloves

Respiratory protection
Unnecessary in open institutional environment.

Hygiene measures
Practice good personal hygiene. Wash after handling.

Personal Protective Equipment
Industrial Environment

Eye/Face Protection
Splash-proof chemical goggles or face shield.

Skin and body protection
Impervious rubber, alkali-proof protective gloves Impervious rubber boots & apron.

Respiratory protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures
Practice good personal hygiene. Wash after handling. Shower at end of work period Practice good personal hygiene. Wash after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks</th>
<th>Methods</th>
<th>Remarks</th>
<th>Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear Thin Liquid</td>
<td>Odor Threshold</td>
<td>No information available</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Amber</td>
<td>Odor Threshold</td>
<td>No information available</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>2</td>
<td>Odor Threshold</td>
<td>No information available</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Freezing Point</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>212 °F</td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Flash Point</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>LT 1.00</td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>upper flammability limit</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>lower flammability limit</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Explosion Limits</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>upper</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>lower</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>17</td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Vapor density</td>
<td>0.62</td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.03</td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Water solubility</td>
<td>completely soluble</td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td></td>
<td>Odor</td>
<td>Mild</td>
<td>Odor</td>
<td>Mild</td>
</tr>
</tbody>
</table>
Partition coefficient: n-octanol/water  No information available
Autoignition temperature  No information available
Decomposition temperature  No information available
Viscosity, kinematic  No information available
Viscosity, dynamic  No information available
Explosive properties  No information available
Oxidizing Properties  No information available

9.2 Other information
Softening point  No information available
Molecular Weight  No information available
VOC Content(%)  No information available
Density VALUE  8.6
Bulk Density VALUE  No information available

10. STABILITY AND REACTIVITY
Stability  Stable
Incompatible products  Strong oxidizing agents, Cationics
Conditions to Avoid  None known based on information supplied
Hazardous Decomposition Products  If burned, normal combustion products: Carbon dioxide, Carbon monoxide; Nitrous oxides.
Hazardous Polymerization  Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION
Acute toxicity
Product Information  Product does not present an acute toxicity hazard based on known or supplied information.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>1530 mg/kg (Rat)</td>
<td>2730 mg/kg (Rabbit)</td>
<td>850 mg/m³ (Rat) 1 h</td>
</tr>
</tbody>
</table>

Chronic toxicity

Target Organ Effects  None known.

12. ECOLOGICAL INFORMATION
Ecotoxicity
The environmental impact of this product has not been fully investigated

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to algae</th>
<th>Toxicity to fish</th>
<th>Toxicity to microorganisms</th>
<th>Toxicity to daphnia and other aquatic invertebrates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>3 - 3.5: 96 h Gambusia affinis mg/L LC50</td>
<td></td>
<td></td>
<td>4.6: 12 h Daphnia magna mg/L EC50</td>
</tr>
</tbody>
</table>

13. DISPOSAL CONSIDERATIONS
Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging

Do not re-use empty containers.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

Note: UN3264, Corrosive Liquid, acidic, inorganic, n.o.s. (contains phosphoric acid), 8, PG III

Dot

Proper shipping name: UN3264, Corrosive Liquid, acidic, inorganic, n.o.s. (contains phosphoric acid), 8, PG III

Hazard class: 8

UN/ID No: UN3264

Packing Group: III

TDG

Not regulated

MEX

Not regulated

ICAO

Not regulated

ICAO/IATA

Not regulated

IMDG / IMO

Not regulated

RID

Not regulated

ADR/RID

Not regulated

ADN

Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA: TSCA

Complies

DSL: Complies

NDSL: Complies

EINECS: Complies

ELINCS: -

ENCS: Complies

IECSC: Complies

KECL: Complies

PICCS: Complies

AICS: Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances
U.S. Federal Regulations

SARA 313
SARA TITLE III (EPCRA) NOTIFICATION: PHOSPHORIC ACID [Reportable under section 313 and section 6607 of the Pollution Prevention Act]

SARA 311/312 Hazard Categories

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Chronic Health Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Sudden Release of Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactive Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

Clean Water Act
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>5000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>5000 lb</td>
<td></td>
<td>RQ 5000 lb final RQ RQ 2270 kg final RQ</td>
</tr>
</tbody>
</table>

U.S. State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

International Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td></td>
<td>Mexico: TWA 1 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL 3 mg/m³</td>
</tr>
</tbody>
</table>

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.
### 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>Prepared By</th>
<th>Swisher Hygiene Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4725 Piedmont Row Drive</td>
</tr>
<tr>
<td></td>
<td>Suite 400</td>
</tr>
<tr>
<td></td>
<td>Charlotte, NC 28210</td>
</tr>
<tr>
<td>Issuing date</td>
<td>28-Oct-2011</td>
</tr>
<tr>
<td>Revision Date</td>
<td>28-Nov-2011</td>
</tr>
<tr>
<td>Revision Note</td>
<td>No information available</td>
</tr>
</tbody>
</table>

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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End of Material Safety Data Sheet