SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name: Ultra Shine Floor Finish
Item# 464 09 023 01 – Case of 4 1-Gallon Jugs
Item# 464 09 023 05 – 5-Gallon Pail
Item# 464 09 023 55 – 55-Gallon Drum

Other Means of Identification
SDS # not determined
UN/ID No
Product Code Not determined

Recommended Use of the Chemical and Restrictions on Use
Recommended Use: Industrial use floor product for the purpose of protection/preservation of floor surface and providing a high gloss shine.

Details of the Supplier of the Safety Data Sheet
Supplier Address Illinois Correctional Industries
1301 Concordia Court
P.O. Box 19277
Springfield, IL 62794-9277

Emergency Telephone Number
Company Phone Number 1-800-634-0213 (Illinois Correctional Industries – Springfield)
Emergency Telephone 1-800-222-1222 (Poison Control Center)

2. HAZARDS IDENTIFICATION

Classification
Unapplicable

Signal Word
Danger

Hazard Statements
BREATHING: Excessive inhalation of vapors can cause nasal and respiratory irritation. SKIN: Prolonged or repeated contact can cause moderate irritation, defatting or dermatitis. SWALLOWING: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. EYES: Can cause mild to moderate irritation.

Physical State: Liquid.

Precautionary Statements – Prevention
Avoid temperature extremes. Keep from freezing.
Precautionary Statements - Response
Avoid eye contact and prolonged skin exposure. Safety goggles are advised. Wear protective gloves (rubber recommended).

Precautionary Statements – Storage
Handle with reasonable care. Avoid breathing vapors. Store in a cool dry place.

Precautionary Statements - Disposal
Dispose of empty containers in accordance with local, state and federal guidelines. This product contains DEG methyl ether which is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372.

Hazards Not Otherwise Classified (HNOC)
Other Hazards
None

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEG Methyl Ether*</td>
<td>111-77-3</td>
<td>2-7%</td>
</tr>
<tr>
<td>Tributoxyethyl Phosphate</td>
<td>78-51-3</td>
<td>1-5%</td>
</tr>
<tr>
<td>Zinc Ammonium Carbonate</td>
<td>38714-47-5</td>
<td>1-5%</td>
</tr>
</tbody>
</table>

*Chemicals in this section that have an asterisk are subject to SARA Section 313 and 40 CFR 372 reporting.

4. FIRST AID MEASURES

First Aid Measures

Inhalation
Remove to fresh air if effects occur. If respiration stops, give mouth-to-mouth resuscitation. Administer oxygen if available. Call physician and/or transport to medical facility.

Eye Contact
Irrigation of the eye immediately with water for 10 minutes is good safety practice.

Ingestion
Seek medical attention. Unless advised otherwise, induce vomiting by giving either syrup of ipecac followed by 2 glasses of water or by sticking finger down throat. Do not give anything by mouth if the person is drowsy, unconscious or has no gag reflex.

Skin Contact
Wash off in flow water or shower. Wash clothing before reuse.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms
Prolonged or repeated contact can cause moderate irritation, defatting, or dermatitis.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Foam of carbon dioxide (CO2) or dry chemicals.

**Unsuitable Extinguishing Media**
Not determined.

**Specific Hazards Arising from the Chemical**
None known.

**Protective Equipment and Precautions for Firefighters**
Wear self-contained breathing apparatus with a full face piece operated in pressure-demand or other positive pressure mode when fighting fires.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions**
Use personal protective equipment as required.

**Environmental Precautions**
See Section 12 for additional ecological information.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment**
Prevent further leakage or spillage if safe to do so. Dike ahead of large spills to prevent run-off. Do not touch or walk through spilled material. Stop discharge, if it can be performed safely, and contain material. If a substantial quantity is spilled, recover with pump or vacuum. Otherwise, use an absorbent material. Place contaminated material in a suitable container for disposal.

**Methods for Cleaning Up**
Do not flush to sewer, stream or other body of water. Do not flush with water into waste treatment system. Dispose of in accordance with local ordinances, state laws or federal regulations.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

**Advice on Safe Handling**
Handle in accordance with good industrial hygiene and safety practice. Use only in well-ventilated areas. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions**
Handle with reasonable care. Avoid breathing vapors. Store in a cool dry place. Dispose of empty containers in accordance with local, state and federal guidelines. This product contains DEG methyl ether which is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40 CFR 372.

**Incompatible Materials**
Avoid strong oxidizing agents.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Engineering Controls  Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection  Safety goggles advised.

Skin and Body Protection  Protective gloves (rubber recommended). Impervious clothing and boots – safety wash.

Respiratory Protection  Normal inside ventilation. If TLV of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised. Engineering or Administrative controls should be implemented to reduce exposure.

General Hygiene Considerations  Handle in accordance with good industrial hygiene and safety practice. A regular program of cleaning, repairing and replacement of worn-out parts are highly desirable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>White Milky Liquid</td>
<td>Odor</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
<td>Odor Threshold</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Typical Acrylic</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>212°F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&lt; 1</td>
<td>(butyl acetate = 1)</td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>n/a-liquid</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>less than air</td>
<td>(air = 1)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.055</td>
<td>(H₂O = 1)</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Complete</td>
<td></td>
</tr>
<tr>
<td>Solubility in Other Solvents</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY
**Reactivity**
Not reactive under normal conditions.

**Chemical Stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**
None under normal processing.

**Conditions to Avoid**
Keep out of reach of children.

**Incompatible Materials**
Avoid strong oxidizing agents.

**Hazardous Decomposition Products**
None known based on information supplied.

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**11. TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

**Product Information**

<table>
<thead>
<tr>
<th>Route</th>
<th>Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Excessive inhalation of vapors can cause nasal and respiratory irritation.</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Can cause mild to moderate irritation.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Prolonged or repeated contact can cause moderate irritation, defatting or dermatitis.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.</td>
</tr>
</tbody>
</table>

**Component Information**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms**
Please see section 4 of this SDS for symptoms.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity**
Carcinogenic potential is unknown.

**STOT - Single Exposure**
May cause respiratory irritation. May cause drowsiness or dizziness.

**Numerical Measures of Toxicity**
Not determined

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**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**
Toxic to aquatic organisms. Toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and Degradability**
Not determined

**Bioaccumulation**
Not determined
13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

- **Disposal of Wastes**: Disposal should be in accordance with applicable regional, national and local laws and regulations.
- **Contaminated Packaging**: Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

**Note**: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**
- **UN/ID No**
- **Proper Shipping Name**
- **Hazard Class**
- **Packing Group**

**IATA**
- **UN/ID No**
- **Proper Shipping Name**
- **Hazard Class**
- **Packing Group**

**IMDG**
- **UN/ID No**
- **Proper Shipping Name**
- **Hazard Class**
- **Packing Group**

15. REGULATORY INFORMATION

**International Inventories**
- **Not Determined**
Legend:
- 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 Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECS - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances

**US Federal Regulations**

**SARA 313**
Not determined

**US State Regulations**

**U.S. State Right-to-Know Regulations**

### 16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>slight</td>
<td>negligible</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

**Issue Date**

**Revision Date**

**Revision Note**

New format

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**