Special Deodorant                                                               F-204A Revision Date: May 20, 2015

Safety Data Sheet

Issued Date: May 20, 2015
Revision Date: May 20, 2015
Version 1

1. IDENTIFICATION

Product Identifier
Product Name: F-204A Special Deodorant

Other means of identification
Product Code: F-204A

Recommended use of the chemical and restrictions on use
Recommended Use: Deodorant and Neutralizer for malodor.

Details of the supplier of the safety data sheet
Missouri Vocational Enterprises
2727 Highway K
Bonne Terre, MO 63628
Phone: (573) 358-5516

Emergency Telephone Number
INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDOUS IDENTIFICATION

Signal Word: WARNING

<table>
<thead>
<tr>
<th>Classification</th>
<th>Hazard Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin - Corrosion/Irritation</td>
<td>2</td>
</tr>
<tr>
<td>Serious Eye - Damage/Irritation</td>
<td>2A</td>
</tr>
<tr>
<td>Acute Toxicity - Oral</td>
<td>4</td>
</tr>
<tr>
<td>Acute Toxicity - Dermal</td>
<td>5</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity - Repeated Exposure</td>
<td>2 (Cardiovascular System)</td>
</tr>
<tr>
<td>Toxicity Reproductive</td>
<td>2</td>
</tr>
</tbody>
</table>

Hazard Statement(s)

H226 – Flammable Liquid
H302 – Harmful if swallowed
H313 – May be harmful in contact with skin
H315 – Causes skin irritation
H317 – May cause an allergic skin reaction
H319 – Causes serious eye irritation
H361 – Suspected of damaging fertility or the unborn child
H373 – May cause damage to organs through prolonged or repeated exposure
H400 – Very toxic to aquatic life
H411 – Toxic to aquatic life with long-lasting effects

Hazard Pictogram(s)

<table>
<thead>
<tr>
<th>Hazard Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
</tr>
<tr>
<td>Health</td>
</tr>
<tr>
<td>Flammability</td>
</tr>
<tr>
<td>Reactivity</td>
</tr>
<tr>
<td>PPE</td>
</tr>
</tbody>
</table>

Precautionary Statement(s)

P201 – Obtain special instructions before use
P202 – Do not handle until all safety precautions have been read and understood
P210 – Keep away from heat/sparks/open flames/hot surfaces – No smoking
**Special Deodorant**  
**F-204A**  
**Revision Date: May 20, 2015**

- **P233** – Keep container tightly closed
- **P240** – Ground/bond container and receiving equipment
- **P241** – Use explosion-proof electrical/ventilating/lighting/…/equipment
- **P242** – Use only non-sparking tools
- **P243** – Take precautionary measures against static discharge
- **P260** – Do not breathe dust/fume/gas/mist/vapours/spray
- **P264** – Wash thoroughly after handling
- **P265** – Take precautionary measures against static discharge
- **P280** – Wear gloves, protective clothing, eye and face protection
- **P314** – Get medical advice/attention if you feel unwell
- **P330** – Rinse mouth
- **P362** – Take off contaminated clothing and wash before reuse
- **P391** – Collect spillage

**P302+P352** – IF ON SKIN: Wash with plenty of soap and water
**P303+P351+P338** – IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. Continue rinsing if necessary. Remove contact lenses, if present and easy to do. Continue rinsing.

- **P308+P313** – IF exposed or concerned: Get medical advice/attention
- **P333+P313** – If skin irritation or rash occurs: Get medical advice/attention
- **P337+P313** – If eye irritation persists: Get medical advice/attention
- **P370+P378** – In case of fire: Use ABC fire extinguisher for extinction
- **P403+P235** – Store in a well-ventilated place. Keep cool
- **P405** – Store locked up

**P501** – Dispose of contents/container with regards to Federal/State/Local Regulations

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### Potential Health Effects

**Skin Contact**  
Danger: Corrosive: May cause severe irritation, and possibly burns

**Eye Contact**  
Danger: Corrosive: May cause severe irritation, and possibly irreversible eye damage

**Inhalation**  
May cause irritation

**Ingestion**  
May cause irritation, pain, burns, vomiting, nausea, and diarrhea

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### 3. COMPOSITION/INFORMATION ON INGREDIENT

<table>
<thead>
<tr>
<th>Chemical Name/Pure Substance</th>
<th>CAS #</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potpourri Concentrated Deodorant</td>
<td>Proprietary</td>
<td>1-5</td>
</tr>
<tr>
<td>Nonylphenol Ethoxylate</td>
<td>9016-45-9</td>
<td>&gt;1</td>
</tr>
</tbody>
</table>

**If Chemical Name/CAS No is “proprietary” and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

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### 4. FIRST-AID MEASURES

**General Advice**  
If you feel unwell, seek medical advice (show label where possible).

**Eye Contact**  
Remove contact lenses. Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Get medical attention immediately.

**Skin Contact**  
Immediately flush with water. Remove all contaminated clothing and continue flushing with water. Wash contaminated areas with soap and water. Thoroughly clean and dry contaminated clothing before reuse. If irritation persists, seek medical attention.

**Inhalation**  
Move exposed person to fresh air and rest in a comfortable position. If irritation persists, seek medical attention.

**Ingestion**  
Never give anything by mouth to an unconscious person or convulsive person. Do NOT induce vomiting. Drink several glasses of water. Get medical attention immediately.
5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

Suitable Extinguishing Media: Dry chemicals, foam, or carbon dioxide
Unsuitable Extinguishing Media: Water jet

**Specific Hazards Arising from the Chemical**

Avoid inhaling the fumes.

**Protective equipment and precautions for firefighters**

Keep upwind of fire. Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Collect contaminated fire extinguishing media separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely. Containers exposed to heat from fire should be cooled with water to prevent vapor pressure build-up which could result in container rupture.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions**

Wear appropriate personal protective equipment (PPE). Avoid contact with skin and eyes. Ventilate closed spaces before entering.

**Environmental precautions**

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

**Methods and material for containment and clean up**

**Methods for Containment**

Prevent further leakage or spillage if safe to do so. For large spills dike to contain.

**Methods for Clean up**

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then scoop up material and place in a suitable container. Do not flush to sewer or allow to enter waterways. For large spills pump into drums and dispose of in accordance with federal, state, and local authorities.

7. HANDLING AND STORAGE

**Precautions for safe handling**

Keep this product from heat, sparks, or open flame. Avoid contact with skin and eyes. Wash thoroughly after handling. Wash hands before eating, drinking, smoking, or using toilet facilities. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

**Conditions for safe storage, including any incompatibilities**

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. Keep the container tightly closed and in a cool, well-ventilated place.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH, TLV</th>
<th>OSHA, PEL</th>
<th>Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potpourri Concentrated Deodorant</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Nonylphenol Ethoxylate</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Appropriate engineering controls**

**Engineering Controls**

Use only in well-ventilated areas. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

Safety glasses with side shields or chemical goggles.

**Skin and Body Protection**

Chemical resistant/impervious gloves.

**Respiratory Protection**

Not needed under normal and intended conditions of product use.

**General Hygiene Considerations**

Maintain eye wash fountain and quick drench safety shower in work area. Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**

<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>Color</td>
<td>Light Straw</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Floral</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not Determined</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>32°F (0°C)</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>212°F (100°C)</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>Liquid- Not Applicable</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limits</td>
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<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.00 g/mL</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Complete</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
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<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
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<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>
10. STABILITY AND REACTIVITY

Reactivity Stable under normal conditions.
Chemical Stability Stable under normal conditions.
Conditions to Avoid Stable under normal conditions.
Incompatible materials Strong oxidizers.
Hazardous Decomposition Products Carbon Monoxide and Carbon Dioxide
Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Toxicity Oral Rat LD50: 500 < LD50 < 2000

Skin Corrosion/Irritation
Toxicity Dermal Rabbit LD50: 1000 < LD50 < 2000

Serious Eye Damage/Irritation
Irritation Eye: Category 2B (Fully reversible within 7 days)

12. ECOLOGICAL INFORMATION

Ecological Information of the Mixture:
Persistence and degradability
Readily Biodegradable
Mobility in Soil
Not Available

13. DISPOSAL CONSIDERATIONS

Container Disposal
Do not reuse empty container. Containers may be disposed of in a sanitary landfill, or incinerated. Dispose of in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION

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

DOT I.D. Number Not Available
DOT Proper Shipping Name Not Available
DOT Hazard Classes: Not Available
US DOT Not Available
Road (ADR) Not Available
Air (ICAO/IMDG) Not Available
Sea (IMO/IMDG) Not Available
Packing Group Not Available
Environmental Hazards Not Available
Marine Pollutant Not Available

15. REGULATORY INFORMATION

Refer to other local regulations that may be relevant (i.e.: sanitary control, waste treatment etc.)
Special Deodorant                                                               F-204A Revision Date: May 20, 2015

State Regulations
California Prop 65
This product contains no listed substances known to the state of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

16. OTHER INFORMATION

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 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.

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonylphenol ethoxylate</td>
<td>9016-45-9</td>
<td>Yes</td>
</tr>
</tbody>
</table>

SARA Sections 311 and 312
Immediate Health Hazard: Yes
Delayed Health Hazard: No
Fire Hazard: No
Reactive Hazard: No
Sudden Release of Pressure: No

Issue Date: May 20, 2015
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Revision Number: 1
Prepared By: Ryan AuBuchon, Chemist I