Material Safety Data Sheet

Big D D'Vour

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Big D D'Vour
Product Identifier: 166, 167, 168, 170, & a kit component of 169 & 173
MSDS No.: 0088
Other Means of Identification: D'vour
Product Family: Dry Deodorants
Manufacturer: Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
Supplier: Big D Industries, Inc., 5620 SW 29th St, Oklahoma City, OK, 73179, 405 682 2541, BigDInd.com
Emergency Contact Information: Big D Industries, 800 535 5053, 24hr (Infotrac)

2. HAZARDS IDENTIFICATION

Potential Health Effects
Route of Exposure: Ingestion; eye contact; skin contact; inhalation.
Inhalation: Not harmful.
Skin Contact: May cause mild irritation.
Eye Contact: May cause mild irritation.
Ingestion: Can irritate the mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Registry No.</th>
<th>Concentration %</th>
<th>Other Identifiers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propenoic acid, polymer with sodium 2-propenoate</td>
<td>9033-79-8</td>
<td>70-100</td>
<td></td>
</tr>
<tr>
<td>Sodium poly acrylate</td>
<td>9003-04-7</td>
<td>20-70</td>
<td></td>
</tr>
<tr>
<td>Precipitated silica</td>
<td>112926-00-8</td>
<td>0.1-5.0</td>
<td></td>
</tr>
<tr>
<td>Fragrance</td>
<td>No CAS</td>
<td>0.1-5.0</td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First Aid Procedures

Inhalation: Call a Poison Centre or doctor if the victim feels unwell.
Skin Contact: Flush with lukewarm, gently flowing water for 5 minutes.
Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If irritation or pain persists, see a doctor.
Ingestion: Have victim rinse mouth with water. Call a Poison Centre or doctor if the victim feels unwell.
5. FIRE FIGHTING MEASURES

Flammable Properties  Can ignite if strongly heated.
Suitable Extinguishing Media  Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.
Specific Hazards Arising from the Chemical  This product presents no unusual hazards in a fire situation.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions  No special precautions are necessary.
Environmental Precautions  It is good practice to prevent releases into the environment.
Methods for Containment and Clean-up  No special clean-up methods are necessary.

7. HANDLING AND STORAGE

Handling  No special handling precautions are necessary.
Storage  No special requirements for storage area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV®</th>
<th>OSHA PEL</th>
<th>AIHA WEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TWA</td>
<td>STEL</td>
<td>TWA</td>
</tr>
<tr>
<td>Precipitated silica</td>
<td>3 mg/m3</td>
<td></td>
<td>5 mg/m3</td>
</tr>
</tbody>
</table>

Engineering Controls  The hazard potential of this product is relatively low. General ventilation is usually adequate.

Personal Protective Equipment (PPE)

Eye/Face Protection  Not required if product is used as directed.
Skin Protection  Not required, if used as directed.
Respiratory Protection  Do not breathe in this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>White crystalline powder.</td>
</tr>
<tr>
<td>Odour</td>
<td>Fragrant (Fragrance)</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Relative Density (water = 1)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Partition Coefficient, n-Octanol/Water</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour Density (air = 1)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

MSDS Name:  Big D D'Vour - Ver. 2
MSDS No.:  0088
Date of Preparation:  July 17, 2012
Flash Point: Not applicable
Lower Flammable/Explosive Limit: Not applicable
Upper Flammable/Explosive Limit: Not applicable
Auto-ignition Temperature: Not applicable

10. STABILITY AND REACTIVITY

Conditions to Avoid: None known.
Incompatible Materials: None known.
Hazardous Decomposition Products: None known.
Possibility of Hazardous Reactions: None known.

11. TOXICOLOGICAL INFORMATION

LC50/LD50 Values

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LC50</th>
<th>LD50 (oral)</th>
<th>LD50 (dermal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precipitated silica</td>
<td></td>
<td>&gt; 10000 mg/kg (rat)</td>
<td>&gt; 5000 mg/kg (rabbit)</td>
</tr>
<tr>
<td>2-Propenoic acid, polymer with sodium 2-propenoate</td>
<td></td>
<td>2000 mg/kg (rat)</td>
<td></td>
</tr>
</tbody>
</table>

LC50: No information was located.
LD50 (oral): No information was located.
LD50 (dermal): No information was located.

Skin Irritation / Corrosion
No information was located.

No information was located for: Skin Irritation / Corrosion, Eye Irritation / Corrosion, Effects of Short-Term (Acute) Exposure, Effects of Long-Term (Chronic) Exposure, Respiratory and/or Skin Sensitization, Carcinogenicity, Teratogenicity / Embryotoxicity, Reproductive Toxicity, Mutagenicity, Toxicologically Synergistic Materials

12. ECOLOGICAL INFORMATION

General Comments: Environmental information was not located.

13. DISPOSAL CONSIDERATIONS

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

14. TRANSPORT INFORMATION

Shipping Information

Other Transport Information
Special Shipping Information: Not applicable
15. REGULATORY INFORMATION

Canada

WHMIS Classification

Not a WHMIS controlled product.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

NFPA Rating  
Health - 0  Flammability - 0  Instability - 0

MSDS Prepared By  Wayne Hegstrom
Phone No.  405 682 2541
Date of Preparation  July 17, 2012
Revision Indicators  Date of Preparation.