1. Identification

<table>
<thead>
<tr>
<th>Identification</th>
<th>Busch R 568</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name:</td>
<td>Busch R 568</td>
</tr>
<tr>
<td>Additional identification</td>
<td>Mixture</td>
</tr>
<tr>
<td>Chemical name:</td>
<td>Mixture</td>
</tr>
</tbody>
</table>

Recommended use and restriction on use

| Recommended use:       | Not determined. |
| Restrictions on use:   | Not determined. |

Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Supplier</th>
<th>Busch LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name:</td>
<td>Busch LLC</td>
</tr>
<tr>
<td>Address:</td>
<td>516 Viking Drive, Virginia Beach, VA 23452</td>
</tr>
<tr>
<td>Telephone:</td>
<td>(757) 463-7800</td>
</tr>
</tbody>
</table>

Emergency telephone number: FOR TRANSPORT EMERGENCY CALL CHEMTREC (800) 424-9300 OR BUSCH LLC (757) 463-7800 FOR NON-EMERGENCIES.

2. Hazard(s) identification

<table>
<thead>
<tr>
<th>Hazard Classification</th>
<th>Not classified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Label Elements:</td>
<td></td>
</tr>
<tr>
<td>Hazard Symbol:</td>
<td>No symbol</td>
</tr>
<tr>
<td>Signal Word:</td>
<td>No signal word.</td>
</tr>
<tr>
<td>Hazard Statement:</td>
<td>not applicable</td>
</tr>
<tr>
<td>Precautionary Statement:</td>
<td>not applicable</td>
</tr>
<tr>
<td>Other hazards which do not result in GHS classification: None identified.</td>
<td></td>
</tr>
</tbody>
</table>

3. Composition/information on ingredients

| General information: | The components are not hazardous or are below required disclosure limits. |

4. First-aid measures

<table>
<thead>
<tr>
<th>Ingestion:</th>
<th>Treat symptomatically. Get medical attention.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation:</td>
<td>Remove exposed person to fresh air if adverse effects are observed.</td>
</tr>
<tr>
<td>Skin Contact:</td>
<td>Wash with soap and water. If skin irritation occurs, get medical attention.</td>
</tr>
<tr>
<td>Eye contact:</td>
<td>Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.</td>
</tr>
</tbody>
</table>

Most important symptoms/effects, acute and delayed
### Symptoms:
See section 11.

#### Indication of immediate medical attention and special treatment needed

**Treatment:**
Treat symptomatically.

### 5. Fire-fighting measures

#### General Fire Hazards:
No unusual fire or explosion hazards noted.

#### Suitable (and unsuitable) extinguishing media

| Suitable extinguishing media: | CO2, dry chemical, foam, water spray, water fog. |
| Unsuitable extinguishing media: | Do not use water jet as an extinguisher, as this will spread the fire. |

#### Specific hazards arising from the chemical:
A solid stream of water will spread the burning material. Material creates a special hazard because it floats on water. See section 10 for additional information.

#### Special protective equipment and precautions for firefighters

| Special fire fighting procedures: | No data available. |
| Special protective equipment for fire-fighters: | Recommend wearing self-contained breathing apparatus. |

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:
Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations.

#### Methods and material for containment and cleaning up:
Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.

#### Environmental Precautions:
Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so.

### 7. Handling and storage

#### Precautions for safe handling:
Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment.

#### Maximum Handling Temperature:
Not determined.

#### Conditions for safe storage, including any incompatibilities:
Store away from incompatible materials. See section 10 for incompatible materials.

#### Maximum Storage Temperature:
Not determined.
8. Exposure controls/personal protection

Control Parameters:

Occupational Exposure Limits
None of the components have assigned exposure limits.

Other exposure limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>type</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisodecyl phthalate</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

Appropriate engineering controls:
No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment

General information:
Use personal protective equipment as required.

Eye/face protection:
If contact is likely, safety glasses with side shields are recommended.

Skin Protection

Hand Protection:
Suitable gloves can be recommended by the glove supplier.

Other:
No data available.

Respiratory Protection:
Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.

Hygiene measures:
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

9. Physical and chemical properties

Appearance

Physical state: liquid
Form: liquid
Color: Colorless to yellow
Odor: Mild
Odor threshold: No data available.
pH: No data available.
Freezing point: No data available.
Boiling Point: No data available.
Flash Point: > 489.9 °F (254.4 °C) (Cleveland Open Cup)
Evaporation rate: No data available.
Flammability (solid, gas): No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%): No data available.
Flammability limit - lower (%): No data available.
Explosive limit - upper (%): No data available.
Explosive limit - lower (%): No data available.
Vapor pressure: No data available.
Vapor density: No data available.
Relative density: 0.923 68 °F (20 °C)

Solubility: Insoluble in water

Solubility (other): No data available.

Partition coefficient (n-octanol/water): No data available.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Viscosity: 70.1 mm²/s (104 °F (40 °C)) 7.7 mm²/s (100 °C (212 °F))

Other information:

Bulk density: 7.698 lb/gal 77 °F (25 °C)

10. Stability and reactivity

Reactivity: No data available.

Chemical Stability: Material is stable under normal conditions.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: Not determined.


Hazardous Decomposition Products: Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

11. Toxicological information

Information on likely routes of exposure

Inhalation: No data available.

Ingestion: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Information on toxicological effects

Acute toxicity

Oral

Product: Not classified for acute toxicity based on available data. Ingestion can cause central nervous system effects such as headache, dizziness, drowsiness, and generalized weakness.

Dermal

Product: Not classified for acute toxicity based on available data.

Inhalation

Product: Not classified for acute toxicity based on available data.

Skin Corrosion/Irritation:

Product: Not classified as a primary skin irritant.

Serious Eye Damage/Eye Irritation:

Product: Remarks: Not classified as a primary eye irritant.
Respiratory sensitization:  No data available

Skin sensitization:  No data available

Specific Target Organ Toxicity - Single Exposure:  No data available

Aspiration Hazard:  No data available

Chronic Effects
Carcinogenicity:  No data available

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogenic components identified

No carcinogenic components identified

Germ Cell Mutagenicity:  No data available

Reproductive toxicity:  No data available

Specific Target Organ Toxicity - Repeated Exposure:  No data available

12. Ecological information

Ecotoxicity
Fish  No data available

Aquatic Invertebrates  No data available

Toxicity to Aquatic Plants  No data available

Toxicity to soil dwelling organisms  No data available

Sediment Toxicity  No data available

Toxicity to Terrestrial Plants  No data available

Toxicity to Above-Ground Organisms  No data available
Toxicity to microorganisms  
No data available 

Persistence and Degradability 
Biodegradation  
No data available 

Bioaccumulative Potential 
Bioconcentration Factor (BCF)  
No data available 

Partition Coefficient n-octanol / water (log Kow)  
No data available 

Mobility:  
No data available 

Other Adverse Effects:  
No data available. 

13. Disposal considerations

Disposal instructions:  
Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Since emptied containers retain product residue, follow label warnings even after container is emptied.

Contaminated Packaging:  
Container packaging may exhibit hazards.

14. Transport information

DOT  
Not regulated.

IMDG  
Not regulated.

IATA  
Not regulated.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code  
None known.

Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Review classification requirements before shipping materials at elevated temperatures.

15. Regulatory information

US Federal Regulations  
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)  
None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)  
Hazard categories  
None known.
SARA 302 Extremely Hazardous Substance
SARA 304 Emergency Release Notification
SARA 311/312 Hazardous Chemical
SARA 313 (TRI Reporting)
This product may contain chemical(s) regulated under the Superfund Amendments and Reauthorization Act (SARA). For additional information please contact Busch LLC.

US State Regulations
US. California Proposition 65
This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.
Diisodecyphthalate 15 - 40%

Inventory Status
Australia (AICS)
All components are in compliance with chemical notification requirements in Australia.

Canada (DSL/NDSL)
All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

China (IECSC)
All components of this product are listed on the Inventory of Existing Chemical Substances in China.

European Union (REACH)
To obtain information on the REACH compliance status of this product, please contact Busch LLC.

Japan (ENCS)
All components are in compliance with the Chemical Substances Control Law of Japan.

Korea (ECL)
All components are in compliance in Korea.

New Zealand (NZIoC)
All components are in compliance with chemical notification requirements in New Zealand.

Philippines (PICCS)
All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

Switzerland (SWISS)
All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

Taiwan (TCSCA)
All components of this product are listed on the Taiwan inventory.

United States (TSCA)
All components of this material are on the US TSCA Inventory.

The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.
16. Other information, including date of preparation or last revision

HMIS Hazard ID

<table>
<thead>
<tr>
<th>Health</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>1</td>
</tr>
<tr>
<td>Physical Hazards</td>
<td>0</td>
</tr>
</tbody>
</table>

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect

NFPA Hazard ID

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

- **Issue Date:** 06/01/2015
- **Version #:** 1.0
- **Source of information:** Internal company data and other publically available resources.
- **Further Information:** Contact supplier (see Section 1)
- **Disclaimer:** As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.