# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

<table>
<thead>
<tr>
<th>Material name</th>
<th>BD 0612</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finalized on</td>
<td>09- OCT-2006</td>
</tr>
<tr>
<td>CAS-No.</td>
<td>Mixture</td>
</tr>
<tr>
<td>Product use</td>
<td>Not established.</td>
</tr>
<tr>
<td>Company information</td>
<td>DRD ADDITIVES, LLC.</td>
</tr>
<tr>
<td></td>
<td>1194 NORTH CREST DRIVE</td>
</tr>
<tr>
<td></td>
<td>ROCKFORD, IL 61107</td>
</tr>
<tr>
<td>Emergency</td>
<td>815-342-2820</td>
</tr>
<tr>
<td>Technical contact</td>
<td>815-342-2820</td>
</tr>
</tbody>
</table>

For information regarding the MSDS contact the MSDS Manager. For Technical Information or Literature contact Customer Service.

## 2. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

Composition comments
Not established.

## 3. Hazards Identification

### Emergency Overview
Health injuries are not known or expected under normal use. Contact may irritate or burn eyes.

### Potential short term health effects

- **Eyes**: Contact with eyes may cause irritation.
- **Skin**: Not expected to be a primary skin irritant.
- **Inhalation**: May cause irritation of respiratory tract.
- **Ingestion**: No significant adverse effects are expected upon ingestion of the product.

### Target organs
Not established.

### Chronic effects
None known.

### Main symptoms
Not established.

### Potential environmental effects
Not established.

## 4. First Aid Measures?

### General advice
Not expected to be toxic. Seek medical attention if ill effects develop. No hazards which require special first aid measures.

### Eye contact
Flush eyes with water as a precaution. If irritation persists get medical attention.

### Skin contact
Wash with soap and water. Get medical attention if irritation develops or persists.

### Inhalation
No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

### Ingestion
Have victim rinse mouth thoroughly with water. Drink water as a precaution. Consult a physician if necessary.

### Notes to physician
Not established.
5. Fire Fighting Measures

- **Flash Point**: 410 °F (210.000000 °C) Cleveland Open Cup
- **Flammability Class**: Combustible IIB
- **General fire hazards**: Not a fire hazard.
- **Unusual fire & explosion hazards**: Not established.
- **Hazardous combustion products**: Not established.
- **Suitable extinguishing media**:
  - Small Fires: Dry chemical, CO2, water spray or regular foam.
  - Large Fires: Water spray, fog or regular foam.
- **Fire fighting equipment/instructions**: Not established.
- **Special protective equipment for firefighters**: In the event of fire, wear self contained breathing apparatus.
- **Extinguishing media which must not be used for safety reasons**: Not established.
- **Specific hazards**: Not a fire hazard.
- **Specific methods**: Not established.

6. Accidental Release Measures

- **Evacuation procedures**: Stay upwind. Keep unnecessary personnel away.
- **Containment procedures**: Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas.
- **Personal precautions**: Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
- **Environmental precautions**: Runoff from fire control or dilution water may cause pollution.
- **Methods for cleaning up**: Attempt to reclaim the free product, if this is possible. Soak up with oil absorbent material, or Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Prevent product from entering drains.
- **Spill or leak procedure**: Not established.

7. Handling and Storage

- **Handling**: Do not get this material in contact with skin or eyes. Do not breathe gas/fumes/vapor/spray. Do not handle or store near an open flame, heat or other sources of ignition.
- **Storage**: Keep containers tightly closed in a dry, cool and well-ventilated place.
- **Special packaging materials**: Not established.
- **Further information**: Not established.
8. Exposure Controls / Personal Protection

Personal protective equipment

Respiratory protection  No personal respiratory protective equipment normally required.
Hand protection  Impervious gloves.
Eye protection  Wear safety glasses with side shields.
Skin and body protection  Wear suitable protective clothing.
General  No special protective equipment required.

Exposure limits  Exposure Limits for this product have not been established. Avoid repeated or prolonged exposure to vapor or mist without appropriate respiratory protection.

Engineering measures to reduce exposure  Not established.
Control parameters  Not established.
Hygiene measures  Handle in accordance with good industrial hygiene and safety practice.
Environmental exposure controls  Not established.

8. Physical & Chemical Properties

Form  Liquid.
Color  brown
Odor  slight
Appearance  cloudy
Oxidizing properties  Not established.
Specific Gravity  0.93 @ 25°C
Viscosity  200 SUS @ 100°F

9. Chemical Stability & Reactivity Information

Stability  Stable at normal conditions of use.
Conditions to avoid  Avoid high temperatures.
Hazardous decomposition  Carbon oxides.
products
Hazardous polymerization  Will not occur.
Incompatibility  Strong acids, alkalies and oxidizing agents.
Materials to avoid  None known.

10. Toxicological Information

Toxicological information  Not established.
Acute Toxicity  Not established.
Local effects  May cause eye/skin irritation. May cause irritation of respiratory tract.
Component analysis - LD50  Not established.
Pre-existing conditions aggravated by exposure  Not established.
Synergistic materials  Not established.
Epidemiology  Not established.
Neurotoxicity  Not established.
Carcinogenicity  Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.
Mutagenicity  Not established.
Teratogenicity  Not established.
Chronic toxicity: None known.
Subchronic toxicity: Not established.
Human experience: Not established.
Symptoms and target organs: Not established.
Further information: This product has no known adverse effect on human health.
Reproductivity: Not established.
Routes of exposure: Skin contact, Inhalation, Ingestion.

12. Ecological Information
Ecotoxicity: Not established.
Environmental effects: Ecological injuries are not known or expected under normal use.
Persistence / degradability: Not established.
Bioaccumulation: Not established.
Aquatic toxicity: Not established.
Partition coefficient: Not established.

13. Disposal Considerations
Waste Codes: Not established.
Disposal instructions: Dispose in accordance with all applicable regulations.
Waste from residues / unused products: Not established.
Contaminated packaging: Not established.

14. Transportation Information
DOT classification: Not regulated as dangerous goods.
CTDG classification: Not regulated as dangerous goods.
General: Not regulated as dangerous goods.
Further information: Not established.

15. Regulatory Information
Inventory status

<table>
<thead>
<tr>
<th>Country(s) or Region</th>
<th>Inventory Name</th>
<th>On Inventory (Yes/No)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>No</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (CCS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of New and Existing Chemicals (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of (ELINCS)</td>
<td>No</td>
</tr>
<tr>
<td>Japan</td>
<td>Japanese Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>No</td>
</tr>
<tr>
<td>Korea</td>
<td>Korean Inventory of Chemicals (KICS)</td>
<td>No</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>No</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>No</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
International regulations  Not established.
US Federal Regulations  Not established.
State Regulations  Not established.

Occupational Safety and Health Administration (OSHA)
1910.H.119 PSM Highly Hazardous Chemicals  Not Listed
1910.Z.1200 Hazardous Chemical  Not Listed (See Section 2)

EPA
CERCLA 302.4 List of Hazardous Substances  Not Listed
CWA 116.4 List of Hazardous Substances  Not Listed
CERCLA 372 SARA Title III Not Listed
313 Toxic Chemicals/Categories  Not listed
CAA Hazardous Air Pollutant  Immediate Hazard - No
CERCLA SARA Title III Delayed Hazard - No
311/312 Hazard Categories  Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

WHMIS Status  Non-controlled
HMIS Ratings
Health  1
Flammability Classification  1
Physical  1
Pers. Prot  A

NFPA Ratings
Health  1
Flammability Classification  1
Instability  1

Labelling  Not established.

16. Other Information?

Disclaimer  Not established.
Recommended use  Not established.
Recommended restrictions  Not established.
Further information  Not established.
Notification date  07-Feb-2006